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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	3	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	4	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	5	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	6	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	7	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	8	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	9	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	10	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	11	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	12	JUN 25	CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS	13	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	14	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	15	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	16	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	17	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	18	JUL 28	EPFULL enhanced with additional legal status information from the epline Register
NEWS	19	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	20	JUL 28	STN Viewer performance improved
NEWS	21	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	22	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	23	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	24	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	25	AUG 25	CA/CAPLUS, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS	26	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	27	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:28:23 ON 19 SEP 2008

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

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Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:28:39 ON 19 SEP 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 SEP 2008 HIGHEST RN 1049989-16-3

DICTIONARY FILE UPDATES: 17 SEP 2008 HIGHEST RN 1049989-16-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

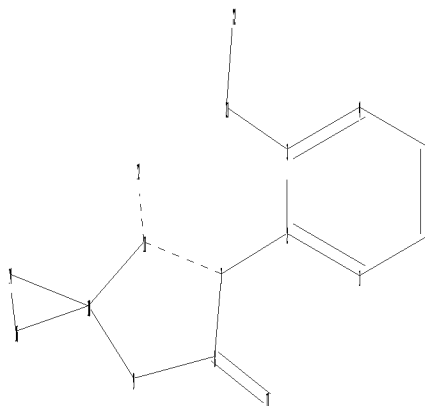
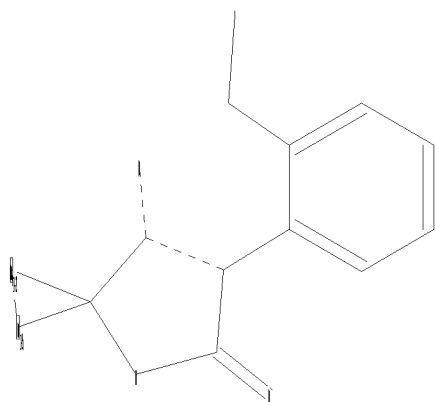
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\STNEXP\Queries\Str10578900-B.str



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ring nodes :
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chain bonds :
2-7 3-21 8-13 11-12 21-22
ring bonds :
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exact/norm bonds :
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exact bonds :
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normalized bonds :
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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 14:Atom 16:CLASS 21:CLASS 22:CLASS

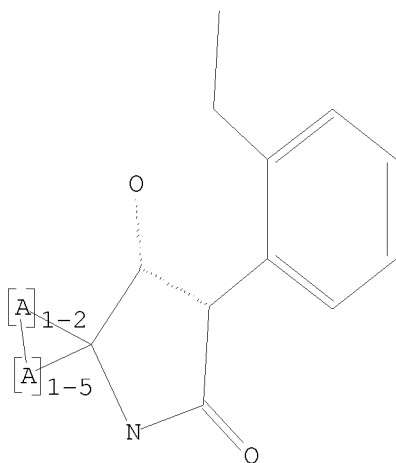
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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 10:29:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 43 TO ITERATE

100.0% PROCESSED 43 ITERATIONS 31 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 467 TO 1253

PROJECTED ANSWERS: 286 TO 954

L2 31 SEA SSS SAM L1

=> s l1 full sss

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FULL SCREEN SEARCH COMPLETED - 766 TO ITERATE

100.0% PROCESSED 766 ITERATIONS 420 ANSWERS

SEARCH TIME: 00.00.01

L3 420 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.82

179.03

FILE 'CAPLUS' ENTERED AT 10:29:58 ON 19 SEP 2008

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FILE COVERS 1907 - 19 Sep 2008 VOL 149 ISS 13

FILE LAST UPDATED: 18 Sep 2008 (20080918/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3

L4 29 L3

=> d ibib hitstr 20-29

L4 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:282535 CAPLUS

DOCUMENT NUMBER: 138:304155

TITLE: Preparation of spirocyclic 4-oxo-3-phenyl-3-substituted lactams and lactones as pesticides/herbicides.

INVENTOR(S): Fischer, Reiner; Ullmann, Astrid; Bretschneider, Thomas; Drewes, Mark Wilhelm; Erdelen, Christoph; Feucht, Dieter; Reckmann, Udo

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany

SOURCE: PCT Int. Appl., 140 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003029213	A1	20030410	WO 2002-EP10158	20020911
WO 2003029213	A9	20031113		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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IN 2002MU00815	A	20050121	IN 2002-MU815	20020909
CA 2464951	A1	20030410	CA 2002-2464951	20020911
AU 2002333828	A1	20030414	AU 2002-333828	20020911
EP 1432680	A1	20040630	EP 2002-800007	20020911
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
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CN 1558899	A	20041229	CN 2002-818692	20020911
JP 2005508928	T	20050407	JP 2003-532463	20020911
CN 1837194	A	20060927	CN 2006-10008665	20020911
RU 2309146	C2	20071027	RU 2004-112772	20020911
EG 23387	A	20050330	EG 2002-1050	20020922
MX 2004PA02718	A	20040705	MX 2004-PA2718	20040323
ZA 2004002259	A	20050323	ZA 2004-2259	20040323
US 20050032885	A1	20050210	US 2004-490320	20040816
US 7425575	B2	20080916		

PRIORITY APPLN. INFO.:

DE 2001-10146910	A	20010924
CN 2002-818692	A3	20020911
WO 2002-EP10158	W	20020911

OTHER SOURCE(S): MARPAT 138:304155

IT 507474-33-1P 507474-55-7P 507474-56-8P
507474-58-0P 507474-67-1P 507474-72-8P
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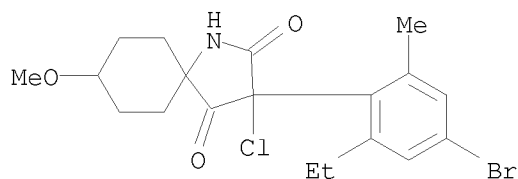
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of spirocyclic 4-oxo-3-Ph-3-substituted lactams and lactones as

pesticides/herbicides)

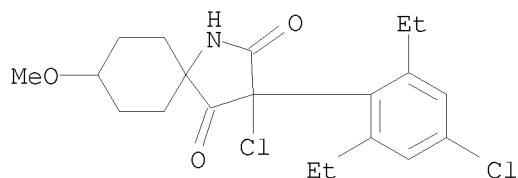
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CN 1-Azaspiro[4.5]decane-2,4-dione, 3-(4-bromo-2-ethyl-6-methylphenyl)-3-chloro-8-methoxy- (CA INDEX NAME)



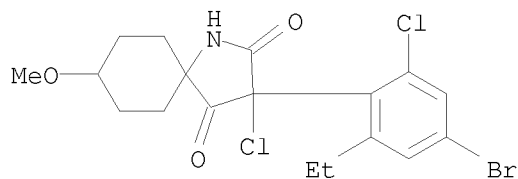
RN 507474-55-7 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-chloro-3-(4-chloro-2,6-diethylphenyl)-8-methoxy- (CA INDEX NAME)



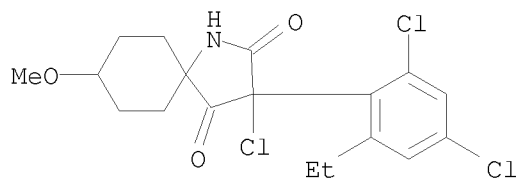
RN 507474-56-8 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-(4-bromo-2-chloro-6-ethylphenyl)-3-chloro-8-methoxy- (CA INDEX NAME)



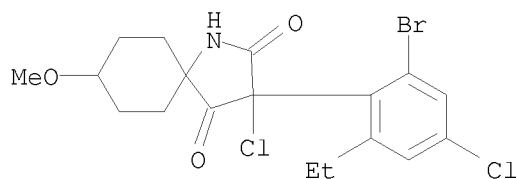
RN 507474-58-0 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-chloro-3-(2,4-dichloro-6-ethylphenyl)-8-methoxy- (CA INDEX NAME)



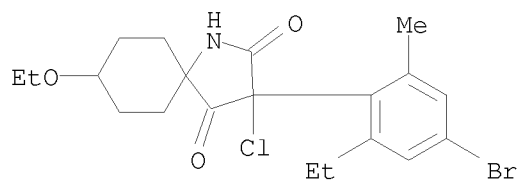
RN 507474-67-1 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-(2-bromo-4-chloro-6-ethylphenyl)-3-chloro-8-methoxy- (CA INDEX NAME)



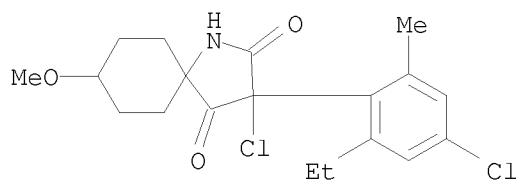
RN 507474-72-8 CAPLUS

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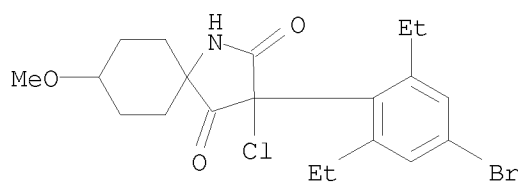
RN 507474-73-9 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-chloro-3-(4-chloro-2-ethyl-6-methylphenyl)-8-methoxy- (CA INDEX NAME)



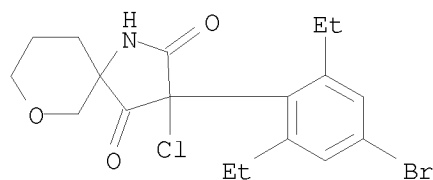
RN 507474-76-2 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-(4-bromo-2,6-diethylphenyl)-3-chloro-8-methoxy- (CA INDEX NAME)



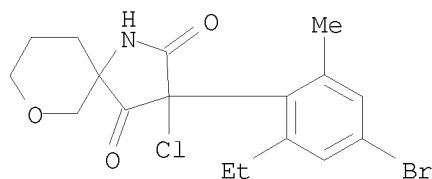
RN 507474-86-4 CAPLUS

CN 7-Oxa-1-azaspiro[4.5]decane-2,4-dione, 3-(4-bromo-2,6-diethylphenyl)-3-chloro- (CA INDEX NAME)



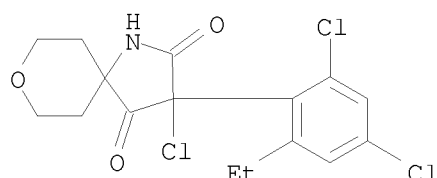
RN 507474-91-1 CAPLUS

CN 7-Oxa-1-azaspiro[4.5]decane-2,4-dione, 3-(4-bromo-2-ethyl-6-methylphenyl)-3-chloro- (CA INDEX NAME)



RN 507475-00-5 CAPLUS

CN 8-Oxa-1-azaspiro[4.5]decane-2,4-dione, 3-chloro-3-(2,4-dichloro-6-ethylphenyl)- (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:132931 CAPLUS

DOCUMENT NUMBER: 138:165206

TITLE: Selective herbicides based on substituted cyclic ketoenols and safeners

INVENTOR(S): Fischer, Reiner; Drewes, Mark Wilhelm; Feucht, Dieter; Dahmen, Peter; Pontzen, Rolf

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 137 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003013249	A1	20030220	WO 2002-EP8413	20020729
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10139465	A1	20030220	DE 2001-10139465	20010810
IN 2002MU00666	A	20050318	IN 2002-MU666	20020724
CA 2456776	A1	20030220	CA 2002-2456776	20020729
AU 2002333283	A1	20030224	AU 2002-333283	20020729
AU 2002333283	B2	20070322		
EP 1418811	A1	20040519	EP 2002-794524	20020729

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
 BR 2002011829 A 20040908 BR 2002-11829 20020729
 JP 2004537570 T 20041216 JP 2003-518279 20020729
 CN 1564660 A 20050112 CN 2002-819791 20020729
 RU 2320169 C2 20080327 RU 2004-106794 20020729
 CN 101238811 A 20080813 CN 2008-10086418 20020729
 US 20050054535 A1 20050310 US 2004-485909 20040806
 PRIORITY APPLN. INFO.: DE 2001-10139465 A 20010810
 CN 2002-819791 A3 20020729
 WO 2002-EP8413 W 20020729

OTHER SOURCE(S): MARPAT 138:165206

IT 497251-91-9 497251-96-4

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (safened herbicidal composition)

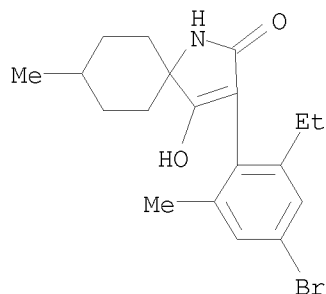
RN 497251-91-9 CAPLUS

CN 1H-Pyrazole-3,5-dicarboxylic acid, 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-, diethyl ester, mixt. with 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-8-methyl-1-azaspiro[4.5]dec-3-en-2-one (9CI) (CA INDEX NAME)

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CRN 497251-90-8

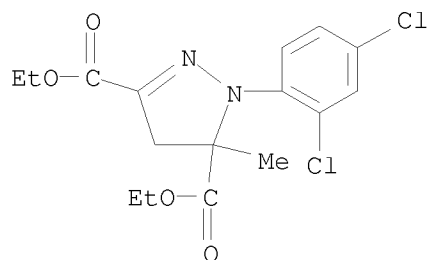
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CM 2

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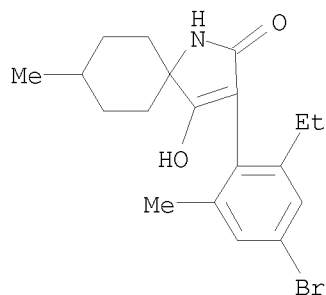


RN 497251-96-4 CAPLUS

CN Acetic acid, [(5-chloro-8-quinolinyl)oxy]-, 1-methylhexyl ester, mixt. with 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-8-methyl-1-azaspiro[4.5]dec-3-en-2-one (9CI) (CA INDEX NAME)

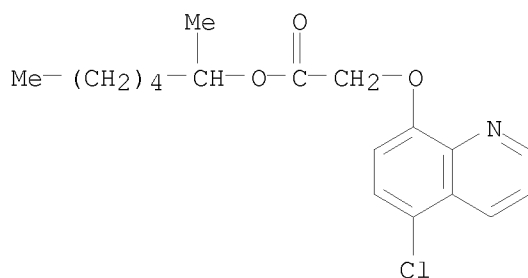
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CM 2

CRN 99607-70-2
CMF C18 H22 Cl N O3



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2001:747747 CAPLUS

DOCUMENT NUMBER: 135:288687

TITLE: Preparation of aryl-substituted heterocyclic ketoenols as pesticides and herbicides.

INVENTOR(S): Ruther, Michael; Hagemann, Hermann; Schneider, Udo; Dollinger, Markus; Dahmen, Peter; Wachendorff-neumann, Ulrike; Fischer, Reiner; Graff, Alan; Bretschneider, Thomas; Erdelen, Christoph; Drewes, Mark Wilhelm; Feucht, Dieter; Lieb, Folker

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany; et al.

SOURCE: PCT Int. Appl., 243 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

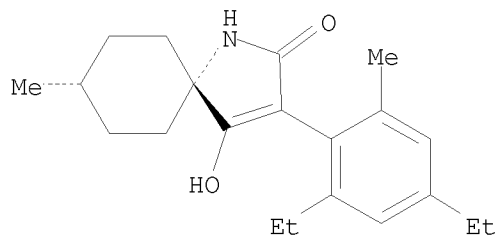
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
 LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
 RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
 VN, YU, ZA, ZW
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 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

DE 10016544	A1	20011011	DE 2000-10016544	20000403
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CN 1431996	A	20030723	CN 2001-810651	20010321
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CN 1631878	A	20050629	CN 2004-10097484	20010321
AU 782557	B2	20050811	AU 2001-44215	20010321
CN 1680272	A	20051012	CN 2005-10071254	20010321
RU 2280643	C2	20060727	RU 2002-129566	20010321
CN 1880293	A	20061220	CN 2006-10101402	20010321
CN 1982296	A	20070620	CN 2006-10172820	20010321
ZA 2002006836	A	20030918	ZA 2002-6836	20020827
MX 2002PA09730	A	20030527	MX 2002-PA9730	20021002
US 20030216260	A1	20031120	US 2002-239331	20021216
HK 1057369	A1	20071116	HK 2004-100217	20040112
AU 2005232267	A1	20051208	AU 2005-232267	20051109
PRIORITY APPLN. INFO.:				
			DE 2000-10016544	A 20000403
			AU 2001-44215	A3 20010321
			CN 2001-810651	A3 20010321
			CN 2004-10097484	A3 20010321
			WO 2001-EP3215	W 20010321
OTHER SOURCE(S): MARPAT 135:288687				
IT	364373-65-9P	364373-66-0P	364373-68-2P	
	364373-69-3P	364373-70-6P	364373-73-9P	
	364373-74-0P	364373-76-2P	364373-86-4P	
	364373-87-5P	364373-94-4P	364373-96-6P	
	364374-00-5P	364374-01-6P	364374-02-7P	
	364374-06-1P			
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of aryl-substituted heterocyclic ketoenols as pesticides and herbicides)				
RN	364373-65-9	CAPLUS		
CN	1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,4-diethyl-6-methylphenyl)-4-hydroxy-8- methyl-, (5 α ,8 α)- (CA INDEX NAME)			

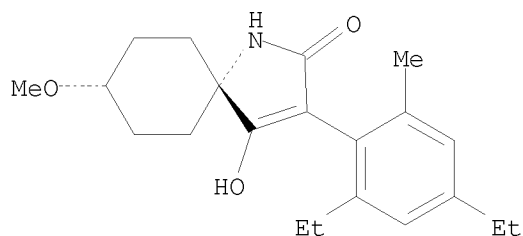
Relative stereochemistry.



RN 364373-66-0 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,4-diethyl-6-methylphenyl)-4-hydroxy-8-

methoxy-, (5 α ,8 α)- (CA INDEX NAME)

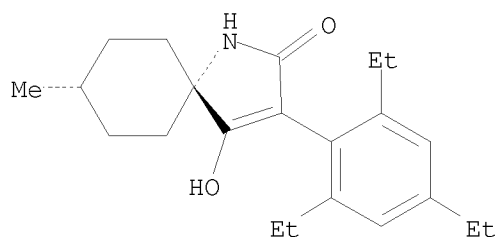
Relative stereochemistry.



RN 364373-68-2 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 4-hydroxy-8-methyl-3-(2,4,6-triethylphenyl)-, (5 α ,8 α)- (CA INDEX NAME)

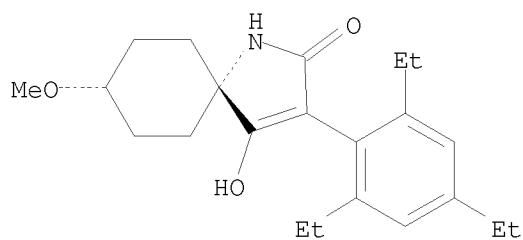
Relative stereochemistry.



RN 364373-69-3 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 4-hydroxy-8-methoxy-3-(2,4,6-triethylphenyl)-, (5 α ,8 α)- (CA INDEX NAME)

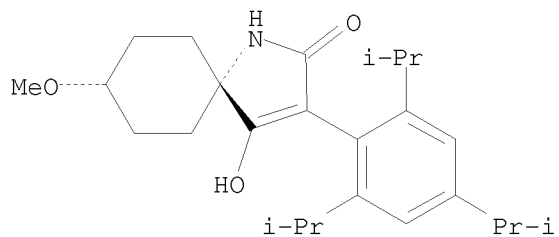
Relative stereochemistry.



RN 364373-70-6 CAPLUS

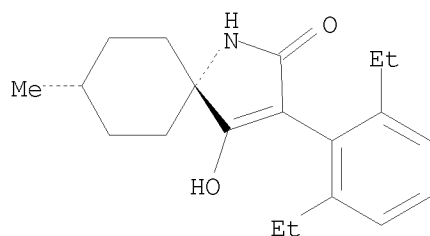
CN 1-Azaspiro[4.5]dec-3-en-2-one, 4-hydroxy-8-methoxy-3-[2,4,6-tris(1-methylethyl)phenyl]-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.

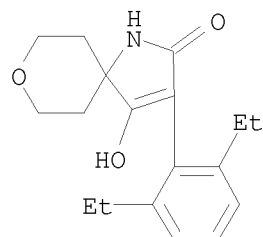


RN 364373-73-9 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,6-diethylphenyl)-4-hydroxy-8-methyl-,
(5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.

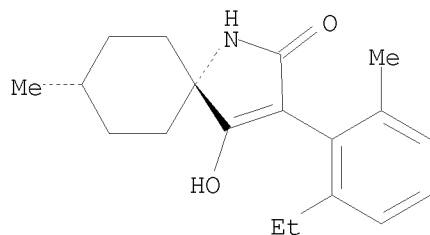


RN 364373-74-0 CAPLUS
CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2,6-diethylphenyl)-4-hydroxy- (CA
INDEX NAME)



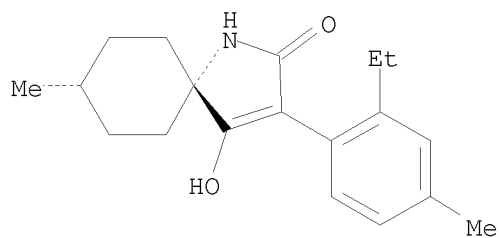
RN 364373-76-2 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-6-methylphenyl)-4-hydroxy-8-
methyl-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



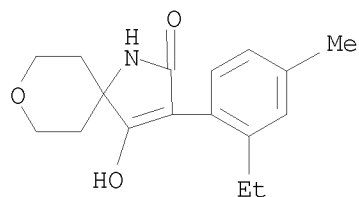
RN 364373-86-4 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4-methylphenyl)-4-hydroxy-8-
methyl-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



RN 364373-87-5 CAPLUS

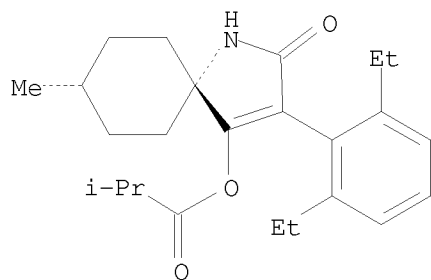
CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4-methylphenyl)-4-hydroxy-
(CA INDEX NAME)



RN 364373-94-4 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(2,6-diethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

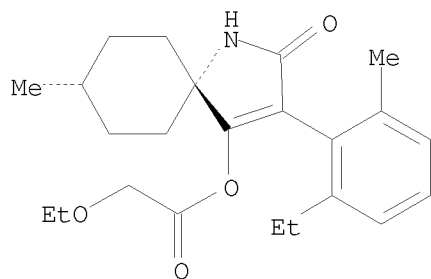
Relative stereochemistry.



RN 364373-96-6 CAPLUS

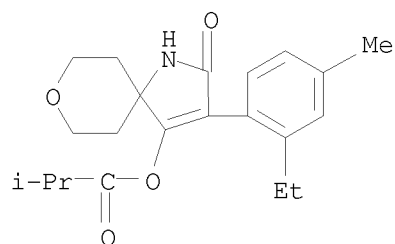
CN Acetic acid, 2-ethoxy-, (5 α ,8 α)-3-(2-ethyl-6-methylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



RN 364374-00-5 CAPLUS

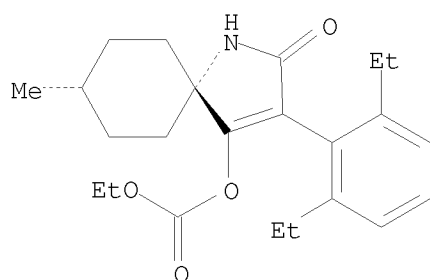
CN Propanoic acid, 2-methyl-, 3-(2-ethyl-4-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 364374-01-6 CAPLUS

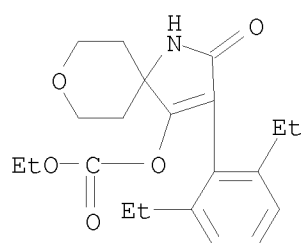
CN Carbonic acid, cis-3-(2,6-diethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



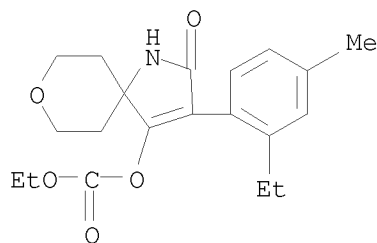
RN 364374-02-7 CAPLUS

CN Carbonic acid, 3-(2,6-diethylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (CA INDEX NAME)



RN 364374-06-1 CAPLUS

CN Carbonic acid, ethyl 3-(2-ethyl-4-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 23 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2001:185730 CAPLUS

DOCUMENT NUMBER: 134:237482

TITLE: preparation of alkylphenylpyrazolines, -pyrroles, -furans, -thiophenes, and -thiazines as herbicides.

INVENTOR(S): Maetzke, Thomas; Stoller, Andre; Wendeborn, Sebastian; Szczepanski, Henry

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 135 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001017972	A2	20010315	WO 2000-EP8656	20000905
WO 2001017972	A3	20010927		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2382435	A1	20010315	CA 2000-2382435	20000905
AU 2000076503	A	20010410	AU 2000-76503	20000905
AU 767356	B2	20031106		
EP 1210333	A2	20020605	EP 2000-965923	20000905
EP 1210333	B1	20041117		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
HU 2002002573	A2	20021128	HU 2002-2573	20000905
HU 2002002573	A3	20021228		
CN 1514829	A	20040721	CN 2000-813428	20000905
EP 1481970	A1	20041201	EP 2004-13876	20000905
EP 1481970	B1	20060322		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY			
AT 282597	T	20041215	AT 2000-965923	20000905
PT 1210333	T	20050331	PT 2000-965923	20000905
ES 2233451	T3	20050616	ES 2000-965923	20000905
RU 2269537	C2	20060210	RU 2002-107612	20000905
AT 321029	T	20060415	AT 2004-13876	20000905

PT 1481970	T	20060731	PT 2004-13876	20000905
ES 2259425	T3	20061001	ES 2004-13876	20000905
US 6894005	B1	20050517	US 2002-70767	20020625
US 20050164883	A1	20050728	US 2005-83415	20050318
US 20050187110	A1	20050825	US 2005-83465	20050318

PRIORITY APPLN. INFO.:

CH 1999-1642	A	19990907
EP 2000-965923	A3	20000905
US 2002-70767	A3	20000905
WO 2000-EP8656	W	20000905

OTHER SOURCE(S): MARPAT 134:237482

IT 329964-63-8P 329964-65-0P 329964-69-4P

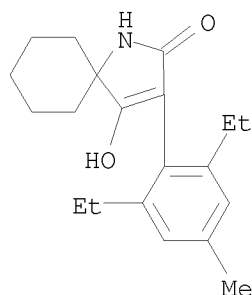
329964-70-7P 329964-73-0P 329964-74-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of alkylphenylpyrazolines, -pyrroles, -furans, -thiophenes, or -thiazines as herbicides)

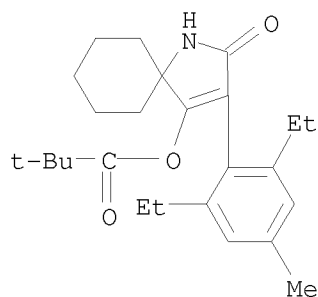
RN 329964-63-8 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,6-diethyl-4-methylphenyl)-4-hydroxy- (CA INDEX NAME)



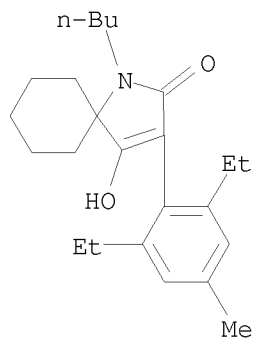
RN 329964-65-0 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, 3-(2,6-diethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

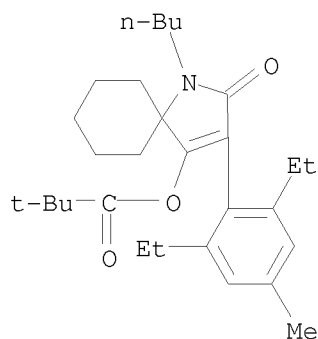


RN 329964-69-4 CAPLUS

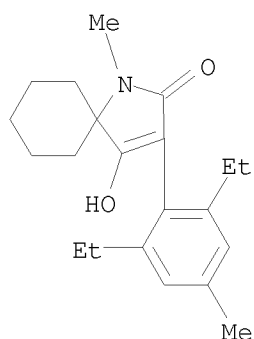
CN 1-Azaspiro[4.5]dec-3-en-2-one, 1-butyl-3-(2,6-diethyl-4-methylphenyl)-4-hydroxy- (CA INDEX NAME)



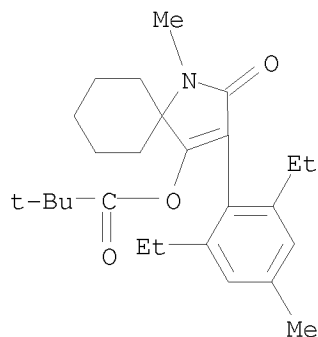
RN 329964-70-7 CAPLUS
 CN Propanoic acid, 2,2-dimethyl-, 1-butyl-3-(2,6-diethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 329964-73-0 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,6-diethyl-4-methylphenyl)-4-hydroxy-1-methyl- (CA INDEX NAME)



RN 329964-74-1 CAPLUS
 CN Propanoic acid, 2,2-dimethyl-, 3-(2,6-diethyl-4-methylphenyl)-1-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



L4 ANSWER 24 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999:626173 CAPLUS

DOCUMENT NUMBER: 131:243180

TITLE: Preparation of arylketoenols as pesticides and herbicides.

INVENTOR(S): Lieb, Folker; Fischer, Reiner; Graff, Alan; Schneider, Udo; Bretschneider, Thomas; Erdelen, Christoph; Andersch, Wolfram; Drewes, Mark Wilhelm; Dollinger, Markus; Wetcholowsky, Ingo; Myers, Randy Allen

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 267 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9948869	A1	19990930	WO 1999-EP1787	19990318
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19813354	A1	19990930	DE 1998-19813354	19980326
CA 2325526	A1	19990930	CA 1999-2325526	19990318
AU 9934147	A	19991018	AU 1999-34147	19990318
AU 751256	B2	20020808		
BR 9909143	A	20001205	BR 1999-9143	19990318
TR 200002752	T2	20001221	TR 2000-2752	19990318
EP 1066258	A1	20010110	EP 1999-915653	19990318
EP 1066258	B1	20051214		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL				
JP 2002507599	T	20020312	JP 2000-537852	19990318
CN 1590372	A	20050309	CN 2004-10055755	19990318
AT 312818	T	20051215	AT 1999-915653	19990318
ES 2252940	T3	20060516	ES 1999-915653	19990318
IN 1999DE00620	A	20070119	IN 1999-DE620	19990421
MX 2000PA09359	A	20010419	MX 2000-PA9359	20000925
US 6458965	B1	20021001	US 2001-646722	20010102
US 20030073851	A1	20030417	US 2002-142325	20020509
US 6693092	B2	20040217		

US 20040127365 A1 20040701 US 2003-730556 20031208
 US 6806264 B2 20041019
 PRIORITY APPLN. INFO.: DE 1998-19813354 A 19980326
 CN 1999-806593 A3 19990318
 WO 1999-EP1787 W 19990318
 US 2001-646722 A3 20010102
 US 2002-142325 A3 20020509

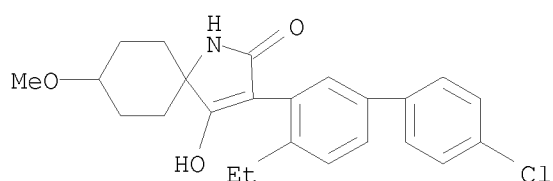
OTHER SOURCE(S): MARPAT 131:243180

IT 244158-88-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of arylketoenols as pesticides and herbicides)

RN 244158-88-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4'-chloro-4-ethyl[1,1'-biphenyl]-3-yl)-4-hydroxy-8-methoxy- (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999:566021 CAPLUS

DOCUMENT NUMBER: 131:199616

TITLE: Preparation of cyclic ketoenols as herbicides and pesticides

INVENTOR(S): Lieb, Folker; Fischer, Reiner; Graff, Alan; Schneider, Udo; Bretschneider, Thomas; Erdelen, Christoph; Andersch, Wolfram; Drewes, Mark-Wilhelm; Dollinger, Markus; Wetcholowsky, Ingo; Myers, Randy Allen

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 264 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9943649	A1	19990902	WO 1999-EP1029	19990217
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19808261	A1	19991028	DE 1998-19808261	19980227
CA 2322158	A1	19990902	CA 1999-2322158	19990217
CA 2322158	C	20080812		
AU 9925231	A	19990915	AU 1999-25231	19990217
AU 749786	B2	20020704		

BR 9909243	A	20001114	BR 1999-9243	19990217
EP 1056717	A1	20001206	EP 1999-904881	19990217
EP 1056717	B1	20050720		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL				
JP 2002504538	T	20020212	JP 2000-533407	19990217
AT 299864	T	20050815	AT 1999-904881	19990217
ES 2244174	T3	20051201	ES 1999-904881	19990217
ZA 9901568	A	19990827	ZA 1999-1568	19990226
TW 244480	B	20051201	TW 1999-88102895	19990226
IN 1999DE00619	A	20070223	IN 1999-DE619	19990421
MX 2000PA08293	A	20000827	MX 2000-PA8293	20000824
US 6417370	B1	20020709	US 2000-623016	20001023
US 20020188136	A1	20021212	US 2002-137763	20020502
US 6716832	B2	20040406		
US 20040167031	A1	20040826	US 2004-777528	20040212
US 7105471	B2	20060912		
US 20060122061	A1	20060608	US 2006-330601	20060112
US 7288676	B2	20071030		
US 20080081807	A1	20080403	US 2007-901471	20070917

PRIORITY APPLN. INFO.:

DE 1998-19808261	A	19980227
WO 1999-EP1029	W	19990217
US 2000-623016	A3	20001023
US 2002-137763	A3	20020502
US 2004-777528	A3	20040212
US 2006-330601	A3	20060112

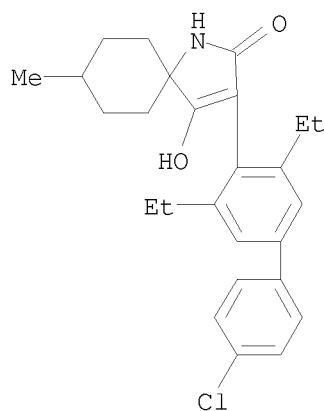
OTHER SOURCE(S): MARPAT 131:199616

IT 241143-96-4P 241143-98-6P 241143-99-7P
 241144-21-8P 241144-22-9P 241144-23-0P
 241144-24-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of cyclic ketoenols as herbicides and pesticides)

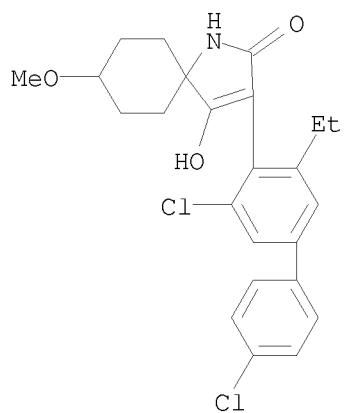
RN 241143-96-4 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4'-chloro-3,5-diethyl[1,1'-biphenyl]-4-yl)-4-hydroxy-8-methyl- (CA INDEX NAME)

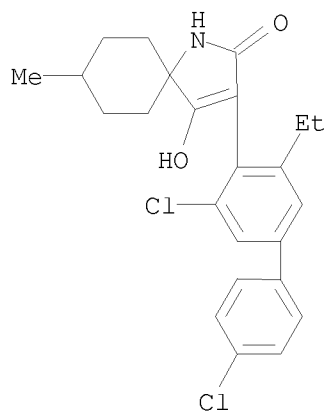


RN 241143-98-6 CAPLUS

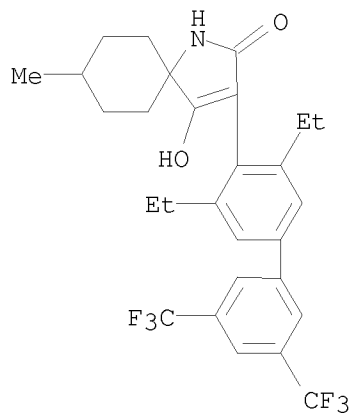
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(3,4'-dichloro-5-ethyl[1,1'-biphenyl]-4-yl)-4-hydroxy-8-methoxy- (CA INDEX NAME)



RN 241143-99-7 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(3,4'-dichloro-5-ethyl[1,1'-biphenyl]-4-yl)-4-hydroxy-8-methyl- (CA INDEX NAME)

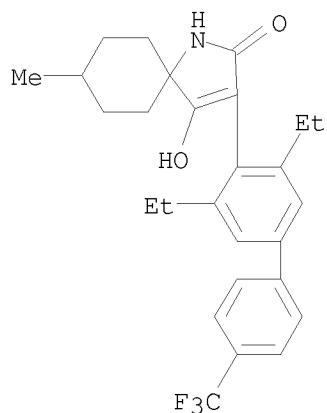


RN 241144-21-8 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-[3,5-diethyl-3',5'-bis(trifluoromethyl)[1,1'-biphenyl]-4-yl]-4-hydroxy-8-methyl- (CA INDEX NAME)



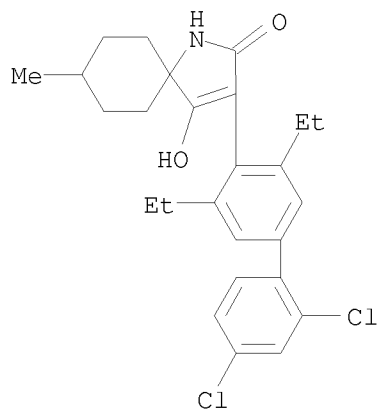
RN 241144-22-9 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-[3,5-diethyl-4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-4-hydroxy-8-methyl- (CA INDEX NAME)



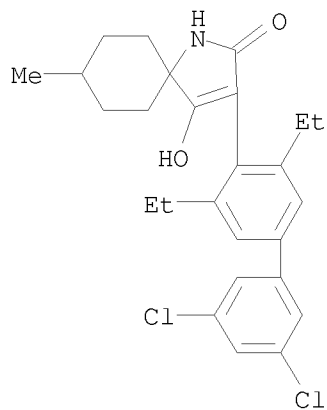
RN 241144-23-0 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2',4'-dichloro-3,5-diethyl[1,1'-biphenyl]-4-yl)-4-hydroxy-8-methyl- (CA INDEX NAME)



RN 241144-24-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(3',5'-dichloro-3,5-diethyl[1,1'-biphenyl]-4-yl)-4-hydroxy-8-methyl- (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 26 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1999:317249 CAPLUS
DOCUMENT NUMBER: 130:338027
TITLE: Preparation of 3,5-dioxo-4-phenylspiro[3-pyrroline-2,4'-tetrahydropyran] enols as herbicides and pesticides
INVENTOR(S): Hagemann, Hermann; Fischer, Reiner; Erdelen, Christoph; Wachendorff-Neumann, Ulrike; Schneider, Udo; Andersch, Wolfram
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 50 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19749720	A1	19990512	DE 1997-19749720	19971111
WO 9924437	A1	19990520	WO 1998-EP6866	19981029
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9913371	A	19990531	AU 1999-13371	19981029
EP 1028963	A1	20000823	EP 1998-956894	19981029
EP 1028963	B1	20050615		
R:	AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL			
JP 2002516819	T	20020611	JP 2000-520447	19981029
CN 1115344	C	20030723	CN 1998-812993	19981029
EP 1508560	A2	20050223	EP 2004-28198	19981029
EP 1508560	A3	20050316		
R:	AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL			
AT 297932	T	20050715	AT 1998-956894	19981029
ES 2244097	T3	20051201	ES 1998-956894	19981029
ZA 9810249	A	19990517	ZA 1998-10249	19981110
US 6608211	B1	20030819	US 2000-530883	20000508
US 20030228984	A1	20031211	US 2003-404723	20030401
US 6670488	B2	20031230		
US 20040102327	A1	20040527	US 2003-701820	20031105
US 6900341	B2	20050531		
US 20050187111	A1	20050825	US 2005-103107	20050411
US 7109370	B2	20060919		
PRIORITY APPLN. INFO.:			DE 1997-19749720	A 19971111
			EP 1998-956894	A3 19981029
			WO 1998-EP6866	W 19981029
			US 2000-530883	A3 20000508
			US 2003-404723	A3 20030401
			US 2003-701820	A3 20031105

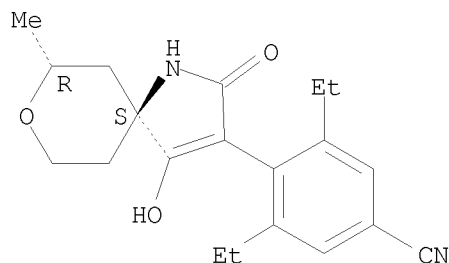
OTHER SOURCE(S): MARPAT 130:338027
IT 224559-49-3P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic

preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 3,5-dioxo-4-phenylspiro[3-pyrroline-2,4'-tetrahydropyran]
enols as herbicides and pesticides)

RN 224559-49-3 CAPLUS

CN Benzonitrile, 3,5-diethyl-4-[(5R,7S)-4-hydroxy-7-methyl-2-oxo-8-oxa-1-
azaspiro[4.5]dec-3-en-3-yl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



L4 ANSWER 27 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1998:112341 CAPLUS

DOCUMENT NUMBER: 128:180328

ORIGINAL REFERENCE NO.: 128:35587a,35590a

TITLE: Preparation of phenyl-substituted heterocyclic
ketoenols as pesticides.

INVENTOR(S): Lieb, Folker; Fischer, Reiner; Bretschneider, Thomas;
Ruther, Michael; Graff, Alan; Schneider, Udo; et al.

PATENT ASSIGNEE(S): Bayer A.-G., Germany; Lieb, Folker; Fischer, Reiner;
Bretschneider, Thomas; Ruther, Michael; Graff, Alan

SOURCE: PCT Int. Appl., 161 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9805638	A2	19980212	WO 1997-EP3973	19970723
WO 9805638	A3	19980319		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU			
RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
DE 19716591	A1	19980305	DE 1997-19716591	19970421
IN 1997DE01965	A	20050311	IN 1997-DE1965	19970715
AU 9737706	A	19980225	AU 1997-37706	19970723
AU 726090	B2	20001102		
EP 915846	A2	19990519	EP 1997-934523	19970723
EP 915846	B1	20030423		
R:	BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT			
BR 9711024	A	19990817	BR 1997-11024	19970723
CN 1232450	A	19991020	CN 1997-198554	19970723
HU 2000001833	A2	20000828	HU 2000-1833	19970723
HU 2000001833	A3	20011228		
JP 2000516918	T	20001219	JP 1998-507541	19970723

EP 1277749	A1	20030122	EP 2002-23657	19970723
EP 1277749	B1	20060927		
R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT				
EP 1277733	A1	20030122	EP 2002-23658	19970723
R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT				
EP 1277751	A1	20030122	EP 2002-23659	19970723
EP 1277751	B1	20061102		
R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT				
EP 1277734	A1	20030122	EP 2002-23660	19970723
EP 1277734	B1	20070207		
R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT				
EP 1277735	A1	20030122	EP 2002-23661	19970723
R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT				
PT 915846	T	20030930	PT 1997-934523	19970723
ES 2193389	T3	20031101	ES 1997-934523	19970723
IL 128235	A	20040328	IL 1997-128235	19970723
IL 155069	A	20040620	IL 1997-155069	19970723
IL 155070	A	20050725	IL 1997-155070	19970723
CN 1651392	A	20050810	CN 2004-10100062	19970723
CN 100339352	C	20070926		
CN 1865219	A	20061122	CN 2006-10058906	19970723
CN 1896070	A	20070117	CN 2006-10100335	19970723
CN 1931827	A	20070321	CN 2006-10101104	19970723
ES 2271170	T3	20070416	ES 2002-23657	19970723
ES 2275796	T3	20070616	ES 2002-23659	19970723
ES 2278856	T3	20070816	ES 2002-23660	19970723
ZA 9706915	A	19980210	ZA 1997-6915	19970804
US 6114374	A	20000905	US 1999-230653	19990128
KR 2000029671	A	20000525	KR 1999-700749	19990129
US 6255342	B1	20010703	US 2000-548129	20000412
US 20020010204	A1	20020124	US 2001-809619	20010315
US 6359151	B2	20020319		
US 6504036	B1	20030107	US 2001-6115	20011210
US 6596873	B1	20030722	US 2002-264424	20021004

PRIORITY APPLN. INFO.:

DE 1996-19631586	A	19960805
DE 1997-19716591	A	19970421
CN 2004-10100062	A3	19970723
EP 1997-934523	A3	19970723
IL 1997-128235	A3	19970723
WO 1997-EP3973	W	19970723
US 1999-230653	A3	19990128
US 2000-548129	A3	20000412
US 2001-809619	A3	20010315
US 2001-6115	A3	20011210

OTHER SOURCE(S): CASREACT 128:180328; MARPAT 128:180328

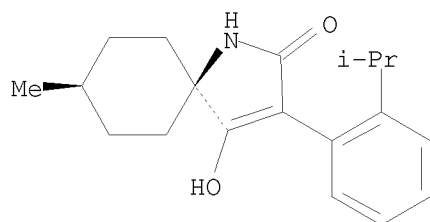
IT 203312-42-9P 203312-87-2P 203312-89-4P
203313-23-9P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenyl-substituted heterocyclic ketoenols as pesticides)

RN 203312-42-9 CAPLUS

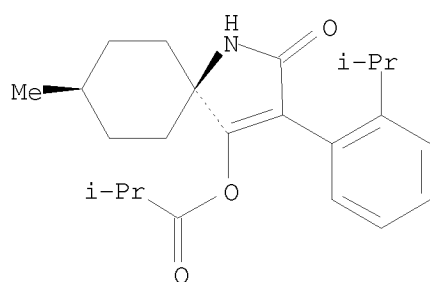
CN 1-Azaspiro[4.5]dec-3-en-2-one, 4-hydroxy-8-methyl-3-[2-(1-methylethyl)phenyl]-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



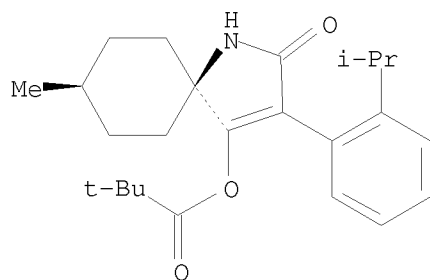
RN 203312-87-2 CAPLUS
 CN Propanoic acid, 2-methyl-, (5 α ,8 α)-8-methyl-3-[2-(1-methylethyl)phenyl]-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



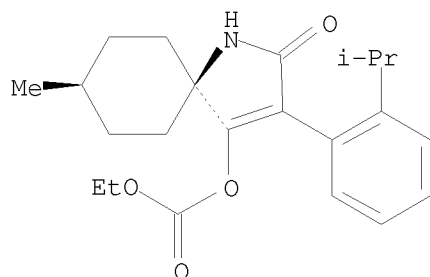
RN 203312-89-4 CAPLUS
 CN Propanoic acid, 2,2-dimethyl-, (5 α ,8 α)-8-methyl-3-[2-(1-methylethyl)phenyl]-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



RN 203313-23-9 CAPLUS
 CN Carbonic acid, ethyl 8-methyl-3-[2-(1-methylethyl)phenyl]-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L4 ANSWER 28 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1997:151521 CAPLUS

DOCUMENT NUMBER: 126:157396

ORIGINAL REFERENCE NO.: 126:30439a,30442a

TITLE: Preparation of 3-phenylheterocycloalkyl-2,4-dione enols as pesticides and herbicides

INVENTOR(S): Lieb, Folker; Hagemann, Hermann; Widdig, Arno; Ruther, Michael; Fischer, Reiner; Bretschneider, Thomas; Erdelen, Christoph; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dollinger, Markus; Santel, Hans-Joachim; Graff, Alan; Andersch, Wolfram

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 135 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19603332	A1	19970102	DE 1996-19603332	19960131
CA 2225830	A1	19970123	CA 1996-2225830	19960617
CA 2225830	C	20080108		
CA 2532743	A1	19970123	CA 1996-2532743	19960617
CA 2532743	C	20080826		
WO 9702243	A1	19970123	WO 1996-EP2601	19960617
W: AU, BB, BG, BR, BY, CA, CN, CZ, HU, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, TR, UA, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9663561	A	19970205	AU 1996-63561	19960617
AU 707357	B2	19990708		
EP 835243	A1	19980415	EP 1996-922817	19960617
EP 835243	B1	20030129		
R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL				
CN 1193960	A	19980923	CN 1996-196456	19960617
HU 9802279	A2	19990128	HU 1998-2279	19960617
HU 9802279	A3	20010528		
BR 9609301	A	19990525	BR 1996-9301	19960617
JP 11510481	T	19990914	JP 1996-504750	19960617
ES 2189877	T3	20030716	ES 1996-922817	19960617
IN 1996DE01384	A	20050701	IN 1996-DE1384	19960624
ZA 9605516	A	19970206	ZA 1996-5516	19960628
TW 410141	B	20001101	TW 1996-85107798	19960628
US 5994274	A	19991130	US 1997-981610	19971223
US 6251830	B1	20010626	US 1999-360510	19990726
US 20020022575	A1	20020221	US 2001-839481	20010420

US 6469196	B2	20021022		
CN 1362397	A	20020807	CN 2001-138493	20011114
US 20030144504	A1	20030731	US 2002-197720	20020718
US 6759548	B2	20040706		

PRIORITY APPLN. INFO.:

DE 1995-19523850	A1	19950630
DE 1996-19603332	A	19960131
CA 1996-2225830	A3	19960617
WO 1996-EP2601	W	19960617
US 1997-981610	A3	19971223
US 1999-360510	A3	19990726
US 2001-839481	A3	20010420

OTHER SOURCE(S): MARPAT 126:157396

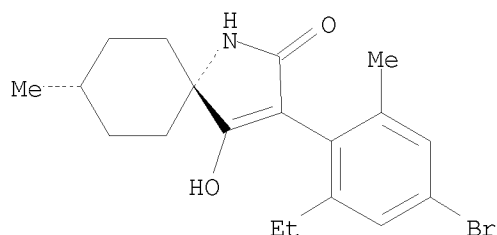
IT 186746-56-5P 186746-72-5P 186746-74-7P
 186747-13-7P 186747-14-8P 186747-15-9P
 186747-16-0P 186747-17-1P 186747-18-2P
 186747-38-6P 186747-39-7P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of 3-phenylheterocycloalkyl-2,4-dione enols as pesticides and herbicides)

RN 186746-56-5 CAPLUS

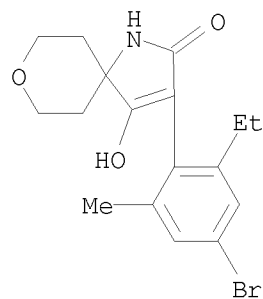
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-8-methyl-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



RN 186746-72-5 CAPLUS

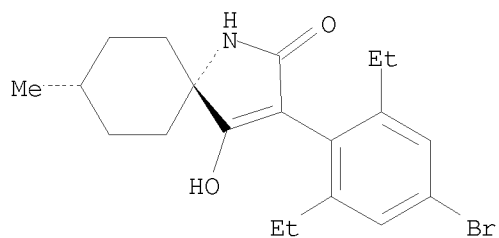
CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy- (CA INDEX NAME)



RN 186746-74-7 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2,6-diethylphenyl)-4-hydroxy-8-methyl-, (5 α ,8 α)- (CA INDEX NAME)

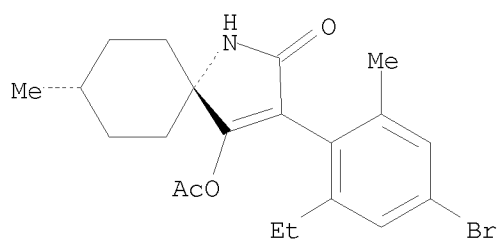
Relative stereochemistry.



RN 186747-13-7 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 4-(acetyloxy)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methyl-, (5 α ,8 α)- (CA INDEX NAME)

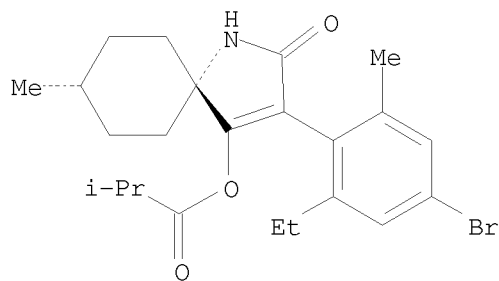
Relative stereochemistry.



RN 186747-14-8 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

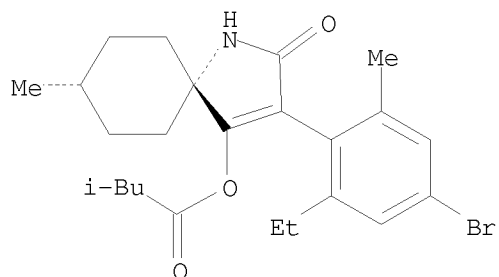
Relative stereochemistry.



RN 186747-15-9 CAPLUS

CN Butanoic acid, 3-methyl-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

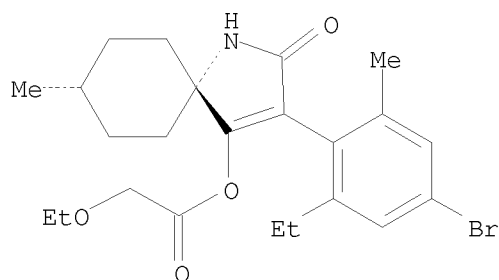
Relative stereochemistry.



RN 186747-16-0 CAPLUS

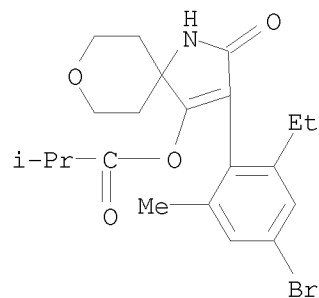
CN Acetic acid, 2-ethoxy-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



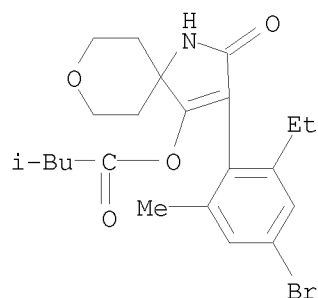
RN 186747-17-1 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(4-bromo-2-ethyl-6-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



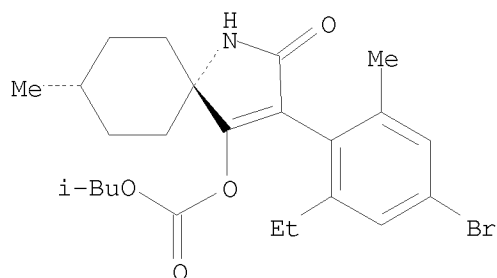
RN 186747-18-2 CAPLUS

CN Butanoic acid, 3-methyl-, 3-(4-bromo-2-ethyl-6-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

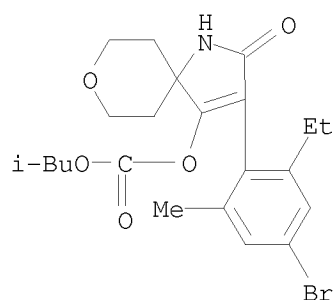


RN 186747-38-6 CAPLUS
 CN Carbonic acid, 3-(4-bromo-2-ethyl-6-methylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl 2-methylpropyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 186747-39-7 CAPLUS
 CN Carbonic acid, 3-(4-bromo-2-ethyl-6-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl 2-methylpropyl ester (CA INDEX NAME)



L4 ANSWER 29 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1996:577745 CAPLUS
 DOCUMENT NUMBER: 125:221568
 ORIGINAL REFERENCE NO.: 125:41409a, 41412a
 TITLE: Preparation of 3-phenyl-2,4-dioxopyrrolidine tautomers and analogs as herbicides and pesticides
 INVENTOR(S): Fischer, Reiner; Bretschneider, Thomas; Hagemann, Hermann; Lieb, Folker; Lui, Norbert; Ruther, Michael; Widdig, Arno; Erdelen, Christoph; Wachendorff-Neumann, Ulrike; et al.

PATENT ASSIGNEE(S): Bayer A.-G., Germany
 SOURCE: Ger. Offen., 94 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19543864	A1	19960814	DE 1995-19543864	19951124
WO 9625395	A1	19960822	WO 1996-EP382	19960131
W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9647158	A	19960904	AU 1996-47158	19960131
BR 9606956	A	19971028	BR 1996-6956	19960131
EP 809629	A1	19971203	EP 1996-902951	19960131
EP 809629	B1	20040630		
R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
CN 1173866	A	19980218	CN 1996-191907	19960131
HU 9800031	A2	19980528	HU 1998-31	19960131
HU 9800031	A3	19980629		
JP 11500114	T	19990106	JP 1996-524608	19960131
JP 4036470	B2	20080123		
ES 2224156	T3	20050301	ES 1996-902951	19960131
ZA 9601107	A	19960828	ZA 1996-1107	19960212
US 6358887	B1	20020319	US 1997-875872	19970805
US 20030045432	A1	20030306	US 2001-14713	20011211
US 6746990	B2	20040608		

PRIORITY APPLN. INFO.:
 DE 1995-19504621 A1 19950213
 DE 1995-19543864 A 19951124
 WO 1996-EP382 W 19960131
 US 1997-875872 A3 19970805

OTHER SOURCE(S): MARPAT 125:221568

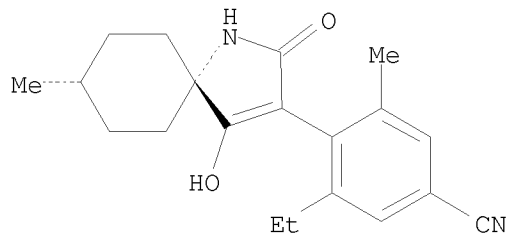
IT 181299-85-4P 181299-88-7P 181299-91-2P
 181299-92-3P 181299-93-4P 181299-94-5P
 181299-96-7P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of 3-phenyl-2,4-dioxopyrrolidine tautomers and analogs as herbicides and pesticides)

RN 181299-85-4 CAPLUS

CN Benzonitrile, 4-(4-hydroxy-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-3-yl)-3-ethyl-5-methyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

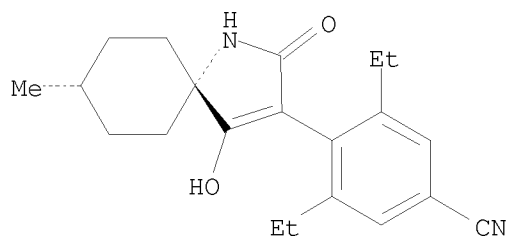


RN 181299-88-7 CAPLUS

CN Benzonitrile, 4-(4-hydroxy-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-3-yl)-

3,5-diethyl-, cis- (9CI) (CA INDEX NAME)

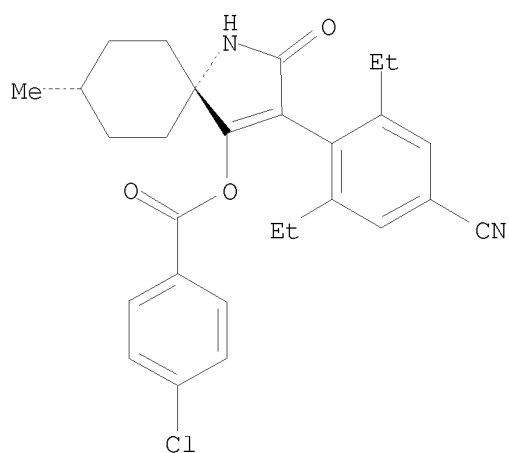
Relative stereochemistry.



RN 181299-91-2 CAPLUS

CN Benzoic acid, 4-chloro-, 3-(4-cyano-2,6-diethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, cis- (9CI) (CA INDEX NAME)

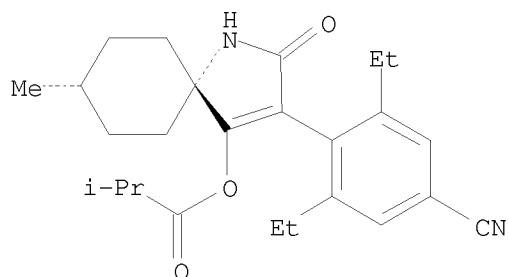
Relative stereochemistry.



RN 181299-92-3 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(4-cyano-2,6-diethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, cis- (9CI) (CA INDEX NAME)

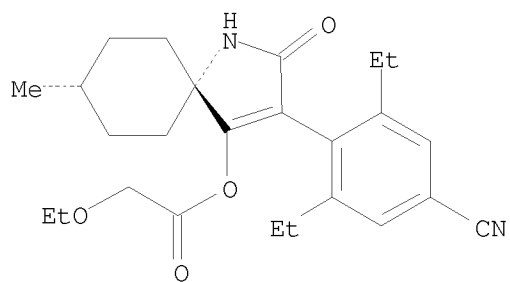
Relative stereochemistry.



RN 181299-93-4 CAPLUS

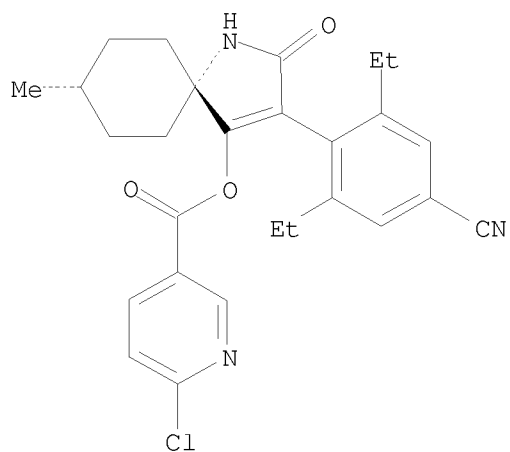
CN Acetic acid, ethoxy-, 3-(4-cyano-2,6-diethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



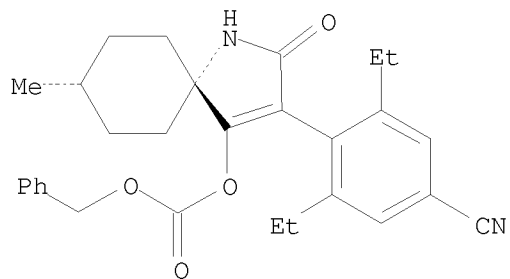
RN 181299-94-5 CAPLUS
 CN 3-Pyridinecarboxylic acid, 6-chloro-, 3-(4-cyano-2,6-diethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 181299-96-7 CAPLUS
 CN Carbonic acid, 3-(4-cyano-2,6-diethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl phenylmethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



=> d ibib hitstr 15

L4 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:1127373 CAPLUS
 DOCUMENT NUMBER: 142:56298

TITLE: Preparation of N-heterocyclylphenyl-substituted cyclic ketoenols as pesticides and/or herbicides and/or microbicides.

INVENTOR(S): Fischer, Reiner; Ullmann, Astrid; Bretschneider, Thomas; Lehr, Stefan; Kunz, Klaus; Konze, Joerg; Malsam, Olga; Drewes, Mark Wilhelm; Feucht, Dieter; Kuck, Karl-Heinz; Wachendorff-Neumann, Ulrike; Moradi, Wahed Ahmed; Bojack, Guido; Auler, Thomas; Hills, Martin; Kehne, Heinz

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 311 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004111042	A1	20041223	WO 2004-EP6127	20040607
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10326386	A1	20041230	DE 2003-10326386	20030612
AU 2004247370	A1	20041223	AU 2004-247370	20040607
CA 2528888	A1	20041223	CA 2004-2528888	20040607
EP 1638957	A1	20060329	EP 2004-739660	20040607
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004011339	A	20060711	BR 2004-11339	20040607
CN 1832938	A	20060913	CN 2004-80022751	20040607
JP 2006527224	T	20061130	JP 2006-515838	20040607
MX 2005PA13259	A	20060309	MX 2005-PA13259	20051207
US 20060166829	A1	20060727	US 2005-559703	20051207
IN 2006DE00830	A	20070831	IN 2006-DE830	20060327
PRIORITY APPLN. INFO.:			DE 2003-10326386	A 20030612
			WO 2004-EP6127	W 20040607
			IN 2004-DE1070	A3 20040608

OTHER SOURCE(S): MARPAT 142:56298

IT 810693-56-2P 810693-57-3P 810693-58-4P
810693-60-8P 810693-62-0P 810693-63-1P
810693-70-0P 810693-71-1P 810693-76-6P
810693-78-8P 810693-79-9P 810693-81-3P
810693-82-4P

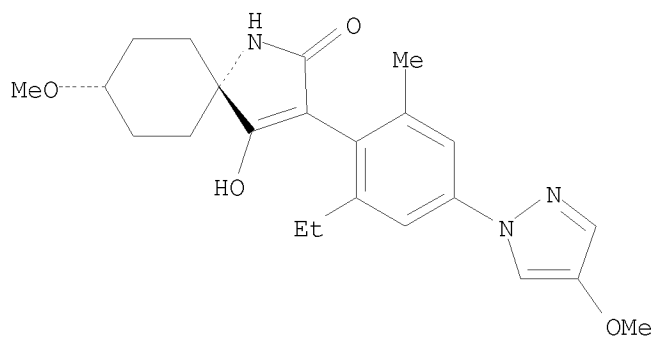
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-heterocyclylphenyl-substituted cyclic ketoenols as pesticides and/or herbicides and/or microbicides)

RN 810693-56-2 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-[2-ethyl-4-(4-methoxy-1H-pyrazol-1-yl)-6-methylphenyl]-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

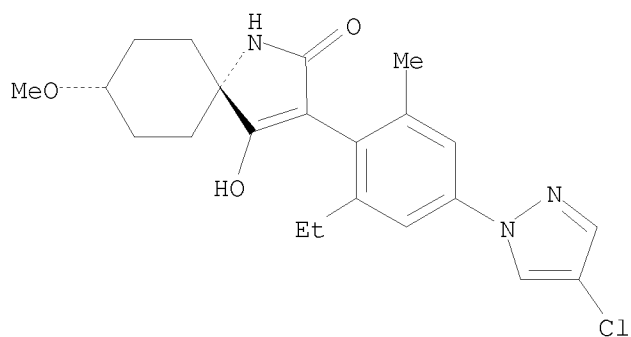
Relative stereochemistry.



RN 810693-57-3 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-[4-(4-chloro-1H-pyrazol-1-yl)-2-ethyl-6-methylphenyl]-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

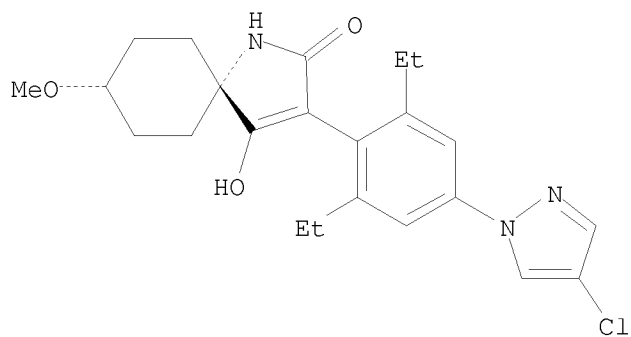
Relative stereochemistry.



RN 810693-58-4 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-[4-(4-chloro-1H-pyrazol-1-yl)-2,6-diethylphenyl]-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

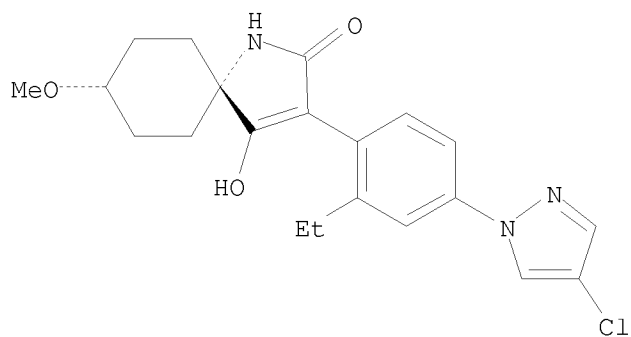
Relative stereochemistry.



RN 810693-60-8 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-[4-(4-chloro-1H-pyrazol-1-yl)-2-ethylphenyl]-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

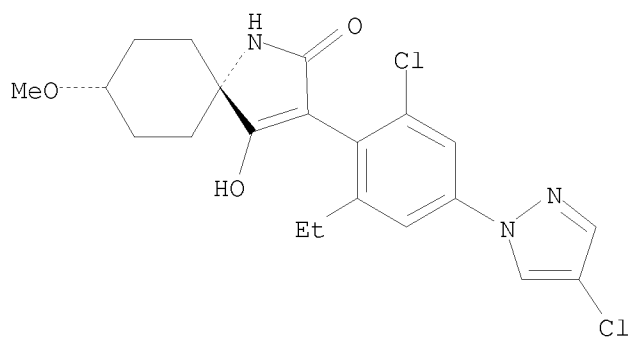
Relative stereochemistry.



RN 810693-62-0 CAPLUS

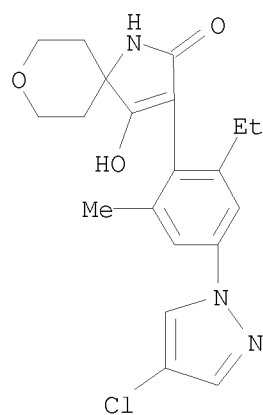
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-[2-chloro-4-(4-chloro-1H-pyrazol-1-yl)-6-ethylphenyl]-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



RN 810693-63-1 CAPLUS

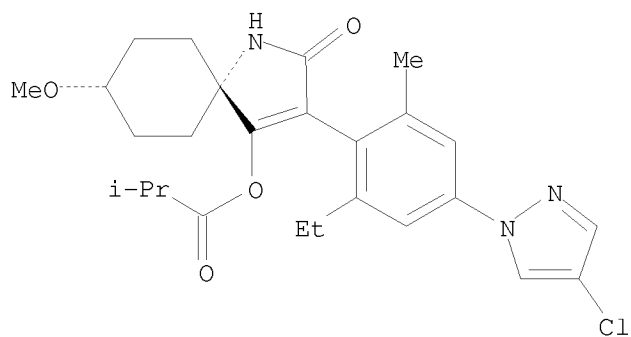
CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-[4-(4-chloro-1H-pyrazol-1-yl)-2-ethyl-6-methylphenyl]-4-hydroxy- (CA INDEX NAME)



RN 810693-70-0 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-[4-(4-chloro-1H-pyrazol-1-yl)-2-ethyl-6-methylphenyl]-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

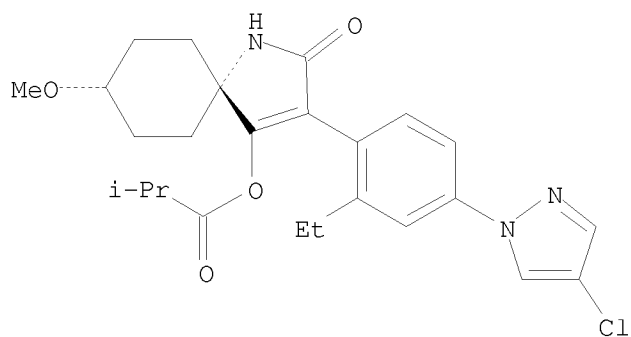
Relative stereochemistry.



RN 810693-71-1 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-[4-(4-chloro-1H-pyrazol-1-yl)-2-ethylphenyl]-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

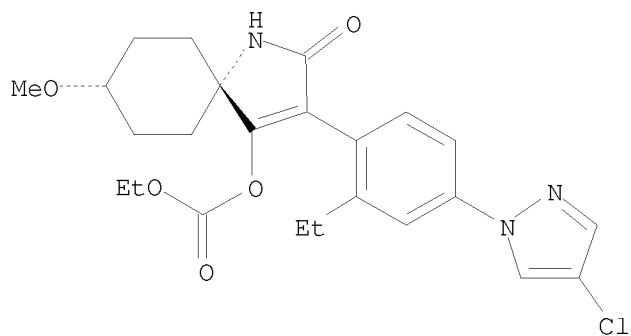
Relative stereochemistry.



RN 810693-76-6 CAPLUS

CN Carbonic acid, cis-3-[4-(4-chloro-1H-pyrazol-1-yl)-2-ethylphenyl]-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

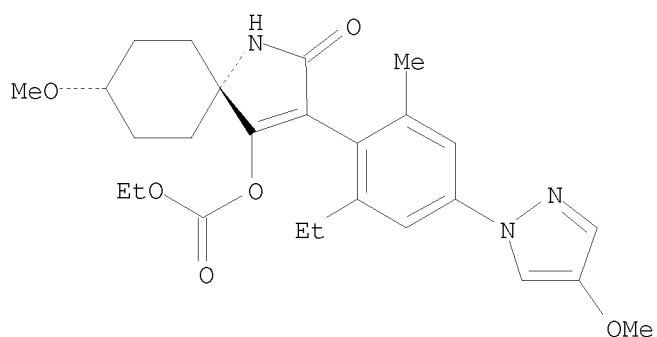
Relative stereochemistry.



RN 810693-78-8 CAPLUS

CN Carbonic acid, ethyl cis-3-[2-ethyl-4-(4-methoxy-1H-pyrazol-1-yl)-6-methylphenyl]-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (9CI) (CA INDEX NAME)

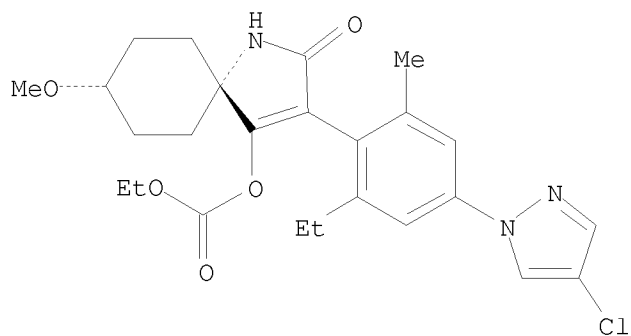
Relative stereochemistry.



RN 810693-79-9 CAPLUS

CN Carbonic acid, cis-3-[4-(4-chloro-1H-pyrazol-1-yl)-2-ethyl-6-methylphenyl]-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

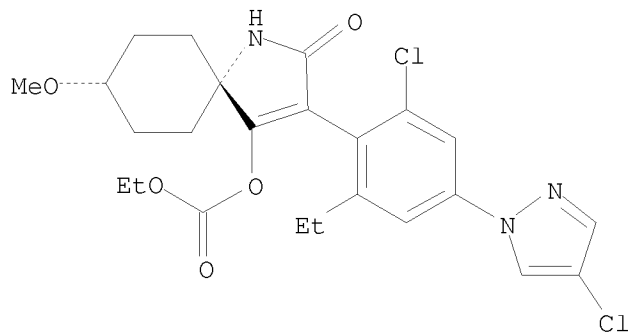
Relative stereochemistry.



RN 810693-81-3 CAPLUS

CN Carbonic acid, cis-3-[2-chloro-4-(4-chloro-1H-pyrazol-1-yl)-6-ethylphenyl]-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

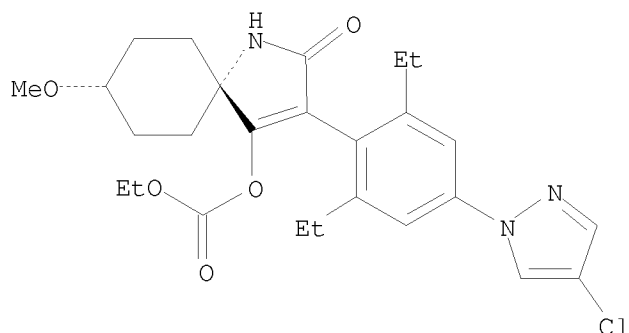
Relative stereochemistry.



RN 810693-82-4 CAPLUS

CN Carbonic acid, cis-3-[4-(4-chloro-1H-pyrazol-1-yl)-2,6-diethylphenyl]-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib hitstr 16

L4 ANSWER 16 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:778560 CAPLUS
DOCUMENT NUMBER: 141:277483
TITLE: Preparation of 2,4,6-trisubstituted phenyl cyclic keto-enols as herbicides and pesticides
INVENTOR(S): Fischer, Reiner; Kunz, Klaus; Lehr, Stefan; Ruther, Michael; Schneider, Udo; Dollinger, Markus; Drewes, Mark Wilhelm; Feucht, Dieter; Konze, Joerg; Wachendorff-Neumann, Ulrike; Bojack, Guido; Auler, Thomas; Hills, Martin; Erdelen, Christoph
PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
SOURCE: Ger. Offen., 103 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10311300	A1	20040923	DE 2003-10311300	20030314
AU 2004220445	A1	20040923	AU 2004-220445	20040302
CA 2518620	A1	20040923	CA 2004-2518620	20040302
WO 2004080962	A1	20040923	WO 2004-EP2053	20040302
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1606254	A1	20051221	EP 2004-716217	20040302
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
BR 2004008378	A	20060321	BR 2004-8378	20040302

CN 1787994	A	20060614	CN 2004-80013040	20040302
JP 2006520338	T	20060907	JP 2006-504495	20040302
CN 101195599	A	20080611	CN 2007-10301095	20040302
US 20070015664	A1	20070118	US 2006-549074	20060221
IN 2007DE02738	A	20080801	IN 2007-DE2738	20071227

PRIORITY APPLN. INFO.:

DE 2003-10311300	A	20030314
CN 2004-80013040	A3	20040302
WO 2004-EP2053	W	20040302
IN 2004-DE427	A3	20040312

OTHER SOURCE(S): MARPAT 141:277483

IT 760209-98-1P 760209-99-2P 760210-01-3P

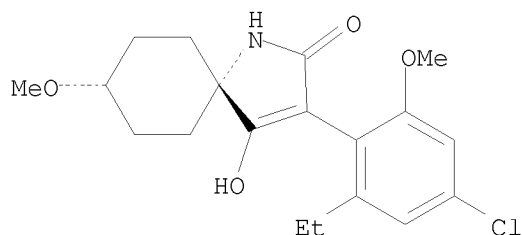
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2,4,6-trisubstituted Ph cyclic keto-enols as herbicides and pesticides)

RN 760209-98-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

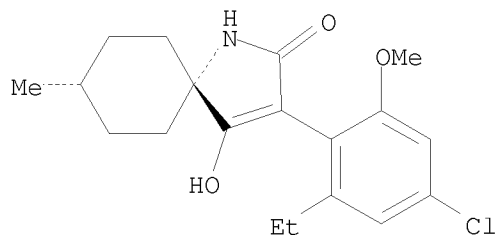
Relative stereochemistry.



RN 760209-99-2 CAPLUS

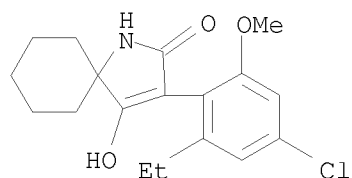
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-8-methyl-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



RN 760210-01-3 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy- (CA INDEX NAME)



IT 760210-03-5P 760210-04-6P 760210-05-7P

760210-08-0P 760210-09-1P 760210-10-4P

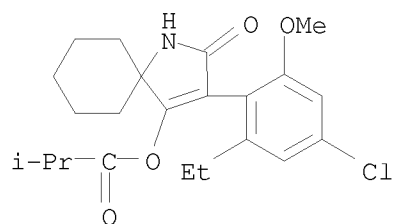
760210-26-2P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2,4,6-trisubstituted Ph cyclic keto-enols as herbicides and pesticides)

RN 760210-03-5 CAPLUS

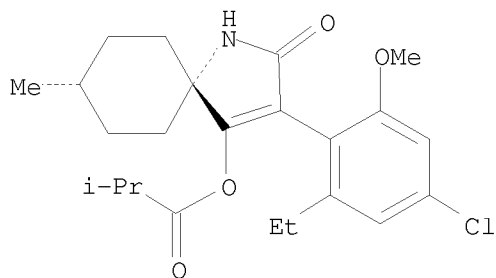
CN Propanoic acid, 2-methyl-, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 760210-04-6 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

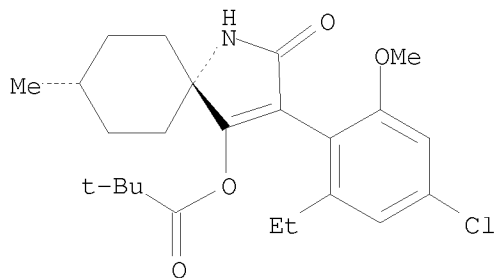
Relative stereochemistry.



RN 760210-05-7 CAPLUS

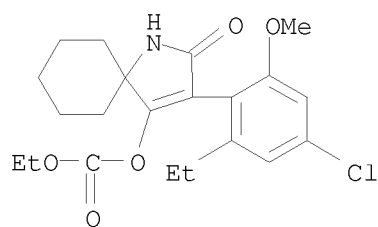
CN Propanoic acid, 2,2-dimethyl-, (5 α ,8 α)-3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



RN 760210-08-0 CAPLUS

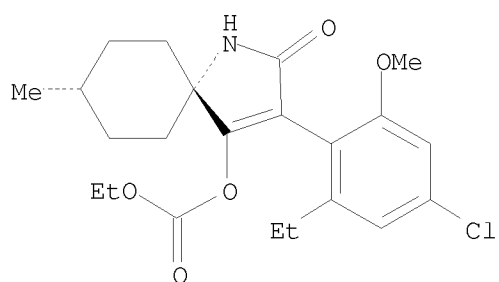
CN Carbonic acid, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (CA INDEX NAME)



RN 760210-09-1 CAPLUS

CN Carbonic acid, cis-3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

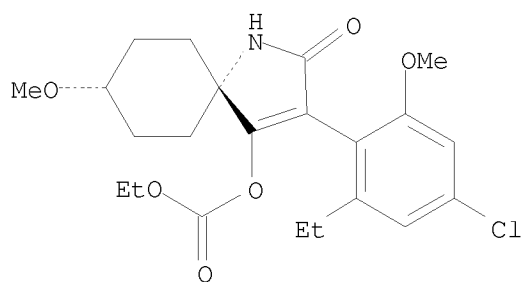
Relative stereochemistry.



RN 760210-10-4 CAPLUS

CN Carbonic acid, cis-3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

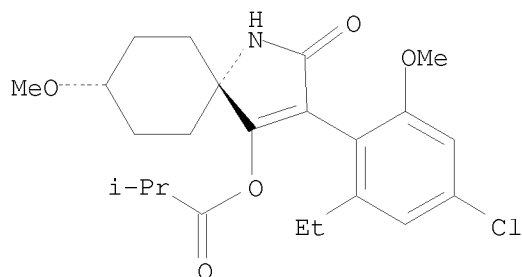
Relative stereochemistry.



RN 760210-26-2 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



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L4 ANSWER 19 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:434567 CAPLUS

DOCUMENT NUMBER: 139:6764

TITLE: Preparation of 3-biphenyl-4-oxo-γ-lactams and lactones as pesticides, microbicides, and herbicides

INVENTOR(S): Fischer, Reiner; Ullmann, Astrid; Bretschneider, Thomas; Drewes, Mark Wilhelm; Erdelen, Christoph; Feucht, Dieter; Reckmann, Udo; Kuck, Karl-Heinz; Wachendorff-Neumann, Ulrike

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany

SOURCE: PCT Int. Appl., 134 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

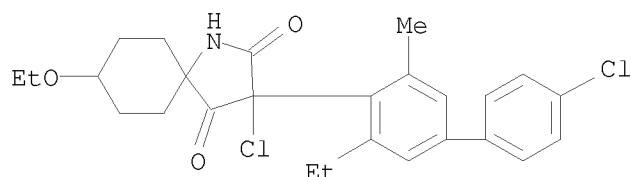
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003045957	A1	20030605	WO 2002-EP12881	20021118
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10158560	A1	20030612	DE 2001-10158560	20011129
IN 2002MU00987	A	20050121	IN 2002-MU987	20021115
CA 2468422	A1	20030605	CA 2002-2468422	20021118
AU 2002356616	A1	20030610	AU 2002-356616	20021118
EP 1451195	A1	20040901	EP 2002-803777	20021118
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002014524	A	20041103	BR 2002-14524	20021118
CN 1615311	A	20050511	CN 2002-827393	20021118
JP 2005516906	T	20050609	JP 2003-547407	20021118
MX 2004PA05074	A	20040819	MX 2004-PA5074	20040527
US 20050090400	A1	20050428	US 2004-496734	20041012
US 7307044	B2	20071211		
PRIORITY APPLN. INFO.:			DE 2001-10158560	A 20011129
			WO 2002-EP12881	W 20021118

OTHER SOURCE(S): MARPAT 139:6764
 IT 535959-04-7P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of (biphenyl)(oxo)- γ -lactams and lactones as pesticides, microbicides, and herbicides)
 RN 535959-04-7 CAPLUS
 CN 1-Azaspiro[4.5]decane-2,4-dione, 3-chloro-3-(4'-chloro-3-ethyl-5-methyl[1,1'-biphenyl]-4-yl)-8-ethoxy- (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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 29 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
 The answer numbers requested are not in the answer set.
 ENTER ANSWER NUMBER OR RANGE (1):18

L4 ANSWER 18 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:605440 CAPLUS
 DOCUMENT NUMBER: 141:157029
 TITLE: Preparation of 2,4-Dihalogen-6-(C2-C3-alkyl)-phenyl substituted tetramic acid derivatives for use as pesticides and/or herbicides
 INVENTOR(S): Fischer, Reiner; Lehr, Stefan; Schneider, Udo; Dollinger, Markus; Drewes, Mark Wilhelm; Feucht, Dieter; Loesel, Peter; Malsam, Olga; Wachendorff-Neumann, Ulrike; Wetcholowsky, Ingo; Hagemann, Hermann; Erdelen, Christoph; Myers, Randy Allen; Bojack, Guido; Auler, Thomas; Hills, Martin
 PATENT ASSIGNEE(S): Bayer Cropscience Ag, Germany
 SOURCE: Ger. Offen., 64 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10301804	A1	20040729	DE 2003-10301804	20030120
AU 2004205350	A1	20040805	AU 2004-205350	20040107
CA 2513501	A1	20040805	CA 2004-2513501	20040107
WO 2004065366	A1	20040805	WO 2004-EP36	20040107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
EP 1587786	A1	20051026	EP 2004-700446	20040107
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

BR 2004006854	A	20051227	BR 2004-6854	20040107
CN 1761651	A	20060419	CN 2004-80007508	20040107
JP 2006517923	T	20060803	JP 2006-500520	20040107
CN 101172930	A	20080507	CN 2007-10196067	20040107
IN 2005DN02886	A	20070105	IN 2005-DN2886	20050629
US 20060160847	A1	20060720	US 2006-542514	20060202
IN 2008DE00415	A	20080516	IN 2008-DE415	20080219

PRIORITY APPLN. INFO.:

DE 2003-10301804	A	20030120
CN 2004-80007508	A3	20040107
WO 2004-EP36	W	20040107
IN 2005-DN2886	A3	20050629

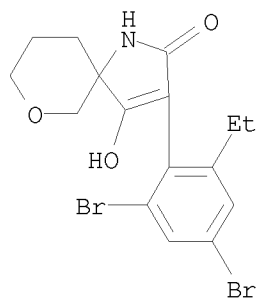
OTHER SOURCE(S): CASREACT 141:157029; MARPAT 141:157029

IT 728023-36-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation and O-acylation of, with isobutyryl chloride; preparation of 2,4-Dihalogen-6-(C2-C3-alkyl)-Ph substituted tetramic acid derivs. for use as pesticides and/or herbicides)

RN 728023-36-7 CAPLUS

CN 7-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2,4-dibromo-6-ethylphenyl)-4-hydroxy- (CA INDEX NAME)



IT 728023-41-4P

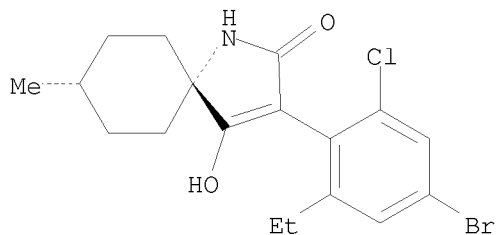
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation and acylation reactions of; preparation of

2,4-Dihalogen-6-(C2-C3-alkyl)-Ph substituted tetramic acid derivs. for use as pesticides and/or herbicides)

RN 728023-41-4 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-chloro-6-ethylphenyl)-4-hydroxy-8-methyl-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



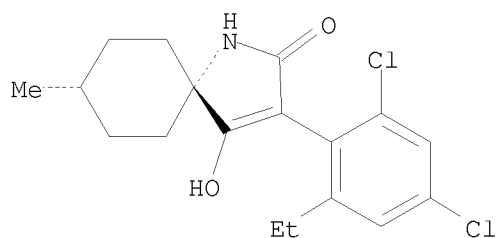
IT 728023-37-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 2,4-Dihalogen-6-(C2-C3-alkyl)-Ph substituted tetramic acid derivs. for use as pesticides and/or herbicides)

RN 728023-37-8 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,4-dichloro-6-ethylphenyl)-4-hydroxy-8-methyl-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



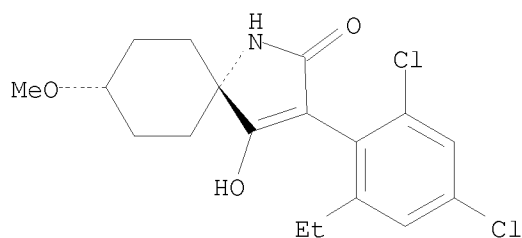
IT 728023-38-9P 728023-40-3P 728023-42-5P
728023-43-6P 728023-46-9P 728023-47-0P
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728023-52-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2,4-Dihalogen-6-(C2-C3-alkyl)-Ph substituted tetramic acid derivs. for use as pesticides and/or herbicides)

RN 728023-38-9 CAPLUS

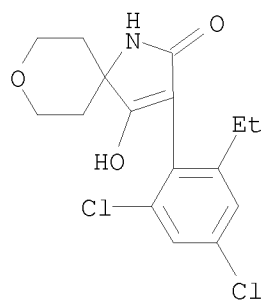
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,4-dichloro-6-ethylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



RN 728023-40-3 CAPLUS

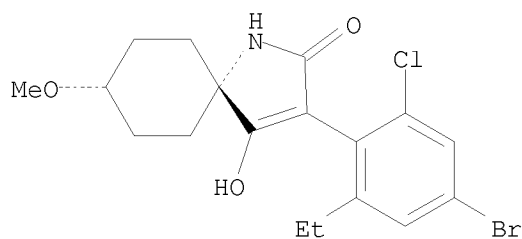
CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2,4-dichloro-6-ethylphenyl)-4-hydroxy- (CA INDEX NAME)



RN 728023-42-5 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-chloro-6-ethylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

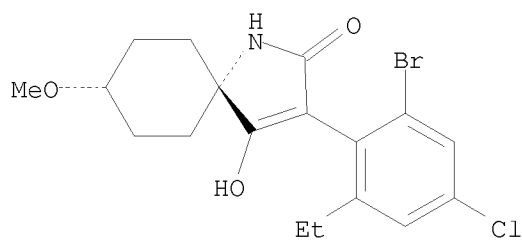
Relative stereochemistry.



RN 728023-43-6 CAPLUS

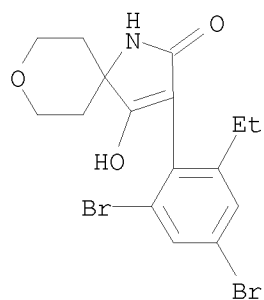
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



RN 728023-46-9 CAPLUS

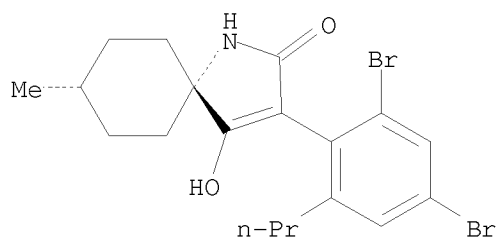
CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2,4-dibromo-6-ethylphenyl)-4-hydroxy- (CA INDEX NAME)



RN 728023-47-0 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,4-dibromo-6-propylphenyl)-4-hydroxy-8-methyl-, (5 α ,8 α)- (CA INDEX NAME)

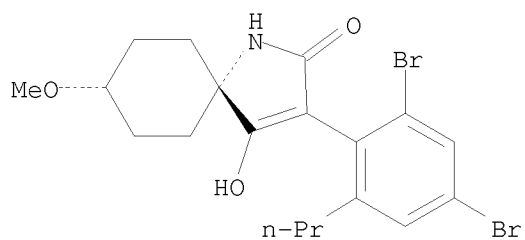
Relative stereochemistry.



RN 728023-48-1 CAPLUS

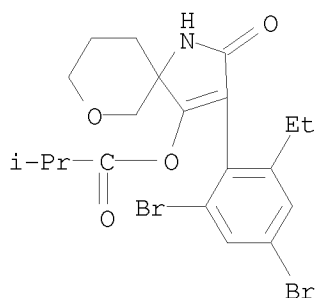
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,4-dibromo-6-propylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



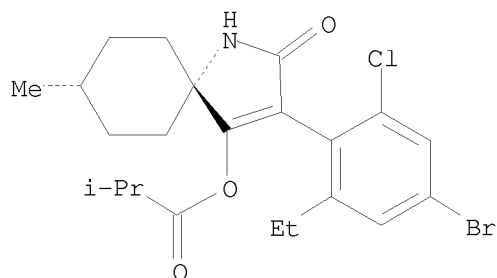
RN 728023-50-5 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(2,4-dibromo-6-ethylphenyl)-2-oxo-7-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



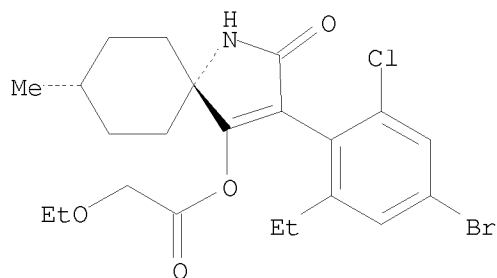
RN 728023-51-6 CAPLUS
 CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(4-bromo-2-chloro-6-ethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



RN 728023-52-7 CAPLUS
 CN Acetic acid, 2-ethoxy-, (5 α ,8 α)-3-(4-bromo-2-chloro-6-ethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



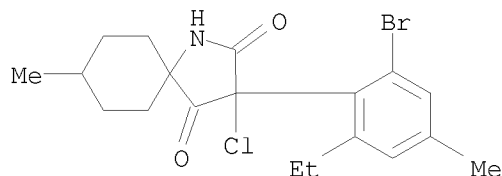
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L4 ANSWER 17 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:605441 CAPLUS
 DOCUMENT NUMBER: 141:157030
 TITLE: Preparation of arylpyrrolidinediones as pesticides and herbicides.
 INVENTOR(S): Fischer, Reiner; Lehr, Stefan; Drewes, Mark Wilhelm;

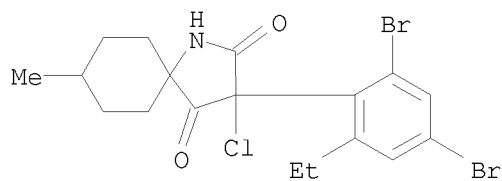
Feucht, Dieter; Konze, Joerg; Malsam, Olga; Kuck,
Karl-Heinz; Bojack, Guido; Auler, Thomas; Hills,
Martin
PATENT ASSIGNEE(S): Bayer Cropscience Ag, Germany
SOURCE: Ger. Offen., 27 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10301805	A1	20040729	DE 2003-10301805	20030120
AU 2004208861	A1	20040819	AU 2004-208861	20040107
CA 2513531	A1	20040819	CA 2004-2513531	20040107
WO 2004069841	A1	20040819	WO 2004-EP37	20040107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1587808	A1	20051026	EP 2004-700442	20040107
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004006804	A	20051227	BR 2004-6804	20040107
CN 1761667	A	20060419	CN 2004-80007516	20040107
JP 2006517930	T	20060803	JP 2006-501534	20040107
IN 2005DN02887	A	20070105	IN 2005-DN2887	20050629
US 20060094773	A1	20060504	US 2005-542561	20051215
US 7329634	B2	20080212		
PRIORITY APPLN. INFO.:			DE 2003-10301805	A 20030120
			WO 2004-EP37	W 20040107

OTHER SOURCE(S): MARPAT 141:157030
IT 728902-49-6P 728902-51-0P 728902-53-2P
728902-54-3P 728902-56-5P 728902-57-6P
728902-59-8P 728902-61-2P 728902-63-4P
728902-65-6P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of arylpyrrolidinediones as pesticides and herbicides)
RN 728902-49-6 CAPLUS
CN 1-Azaspiro[4.5]decane-2,4-dione, 3-(2-bromo-6-ethyl-4-methylphenyl)-3-chloro-8-methyl- (CA INDEX NAME)

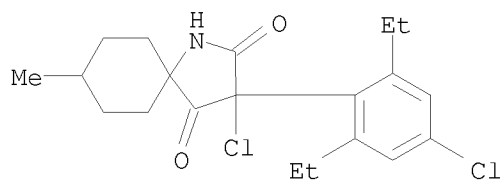


RN 728902-51-0 CAPLUS
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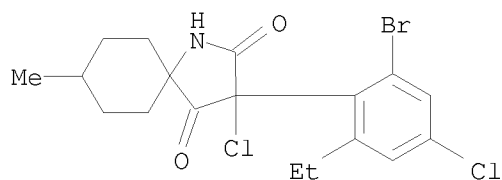
RN 728902-53-2 CAPLUS

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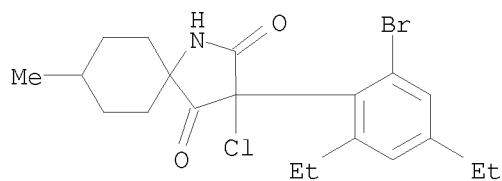
RN 728902-54-3 CAPLUS

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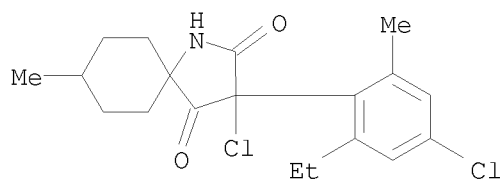
RN 728902-56-5 CAPLUS

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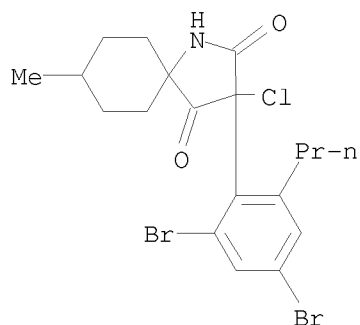
RN 728902-57-6 CAPLUS

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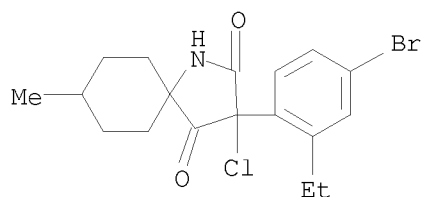
RN 728902-59-8 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-chloro-3-(2,4-dibromo-6-propylphenyl)-8-methyl- (CA INDEX NAME)



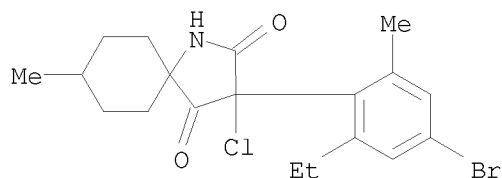
RN 728902-61-2 CAPLUS

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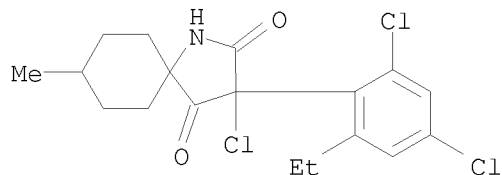
RN 728902-63-4 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-(4-bromo-2-ethyl-6-methylphenyl)-3-chloro-8-methyl- (CA INDEX NAME)



RN 728902-65-6 CAPLUS

CN 1-Azaspiro[4.5]decane-2,4-dione, 3-chloro-3-(2,4-dichloro-6-ethylphenyl)-8-methyl- (CA INDEX NAME)



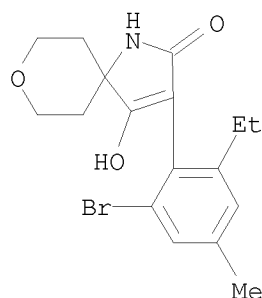
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ACCESSION NUMBER: 2005:429395 CAPLUS
 DOCUMENT NUMBER: 142:481941
 TITLE: Preparation of of spirocyclic phenylpyrrolidinediones as herbicides
 INVENTOR(S): Lehr, Stefan; Drewes, Mark Wilhelm; Feucht, Dieter; Loesel, Peter; Malsam, Olga; Bojack, Guido; Arnold, Christian; Auler, Thomas; Hills, Martin Jeffrey; Kehne, Heinz; Rosinger, Christopher Hugh
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany; Fischer, Reiner
 SOURCE: PCT Int. Appl., 151 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044796	A1	20050519	WO 2004-EP12443	20041104
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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AU 2004287596	A1	20050519	AU 2004-287596	20041104
CA 2544537	A1	20050519	CA 2004-2544537	20041104
EP 1697321	A1	20060906	EP 2004-797575	20041104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1874997	A	20061206	CN 2004-80032653	20041104
BR 2004016267	A	20070109	BR 2004-16267	20041104
IN 2004DE02196	A	20070202	IN 2004-DE2196	20041104
US 20070129252	A1	20070607	US 2006-578403	20061113
PRIORITY APPLN. INFO.:			DE 2003-10351646	A 20031105
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OTHER SOURCE(S): MARPAT 142:481941

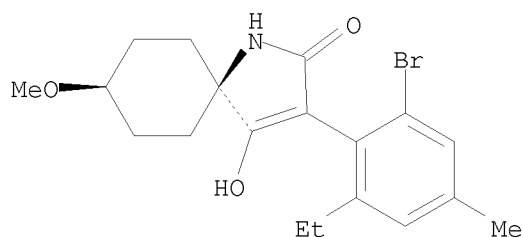
IT 852058-96-9P 852058-98-1P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of spirocyclic phenylpyrrolidinediones as herbicides)
 RN 852058-96-9 CAPLUS
 CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy- (CA INDEX NAME)



RN 852058-98-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



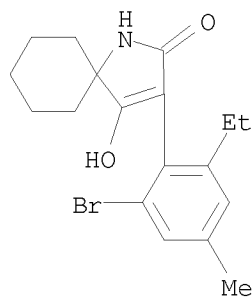
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 852059-07-5P 852059-08-6P 852059-09-7P
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 852059-16-6P 852059-17-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of spirocyclic phenylpyrrolidinediones as herbicides)

RN 852058-97-0 CAPLUS

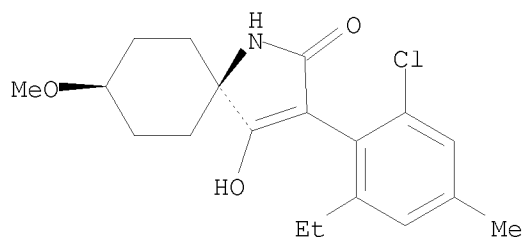
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy- (CA INDEX NAME)



RN 852058-99-2 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-chloro-6-ethyl-4-methylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

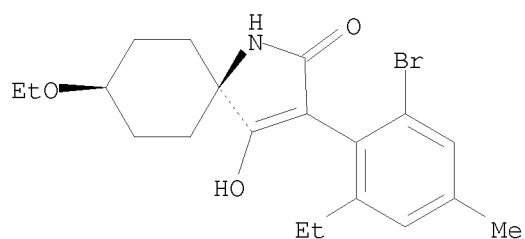
Relative stereochemistry.



RN 852059-00-8 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-8-ethoxy-4-hydroxy-, (5 α ,8 α)- (CA INDEX NAME)

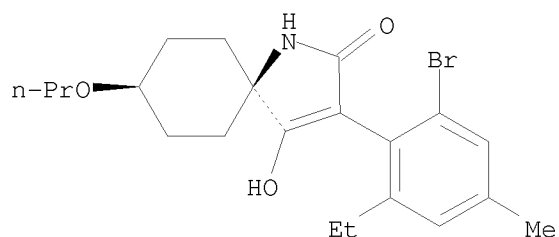
Relative stereochemistry.



RN 852059-01-9 CAPLUS

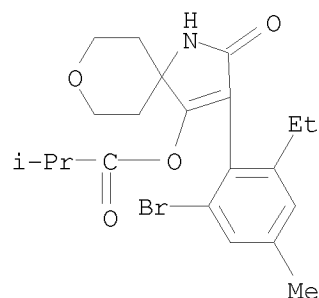
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-8-propoxy-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



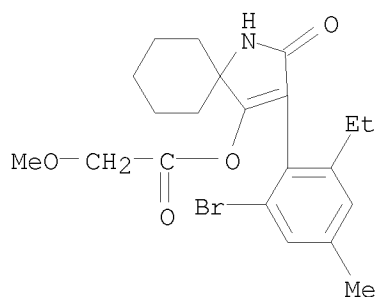
RN 852059-02-0 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



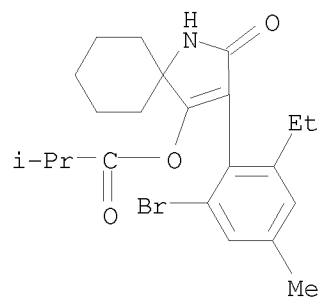
RN 852059-03-1 CAPLUS

CN Acetic acid, 2-methoxy-, 3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



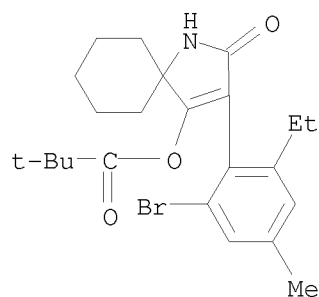
RN 852059-04-2 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 852059-05-3 CAPLUS

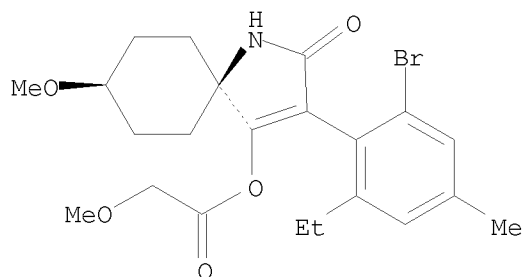
CN Propanoic acid, 2,2-dimethyl-, 3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 852059-06-4 CAPLUS

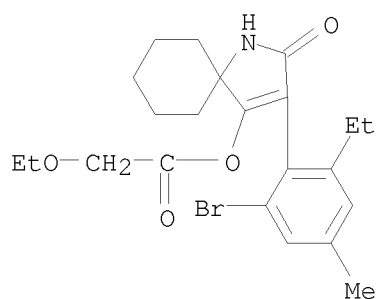
CN Acetic acid, 2-methoxy-, (5 α ,8 α)-3-(2-bromo-6-ethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



RN 852059-07-5 CAPLUS

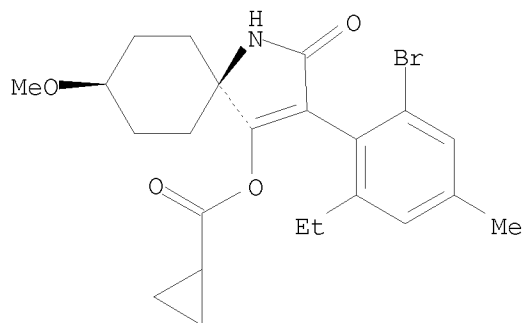
CN Acetic acid, 2-ethoxy-, 3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 852059-08-6 CAPLUS

CN Cyclopropanecarboxylic acid, (5 α ,8 α)-3-(2-bromo-6-ethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

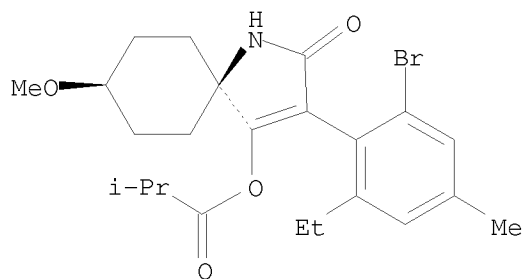
Relative stereochemistry.



RN 852059-09-7 CAPLUS

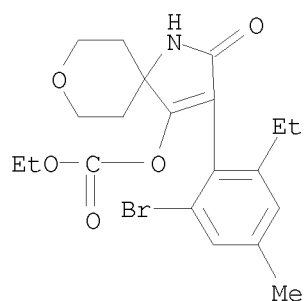
CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(2-bromo-6-ethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



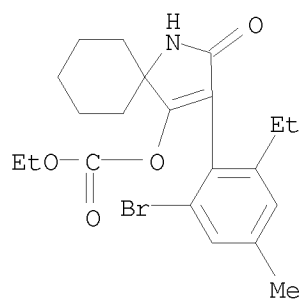
RN 852059-10-0 CAPLUS

CN Carbonic acid, 3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (CA INDEX NAME)



RN 852059-11-1 CAPLUS

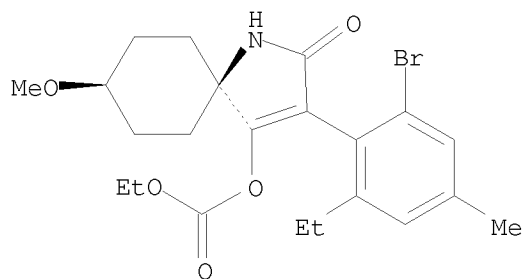
CN Carbonic acid, 3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (CA INDEX NAME)



RN 852059-12-2 CAPLUS

CN Carbonic acid, cis-3-(2-bromo-6-ethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

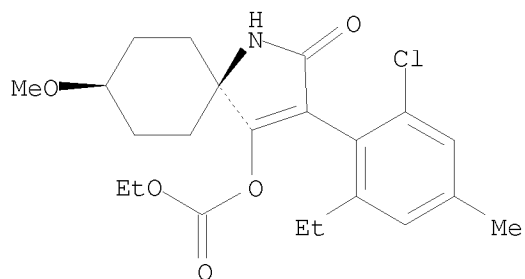
Relative stereochemistry.



RN 852059-13-3 CAPLUS

CN Carbonic acid, cis-3-(2-chloro-6-ethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

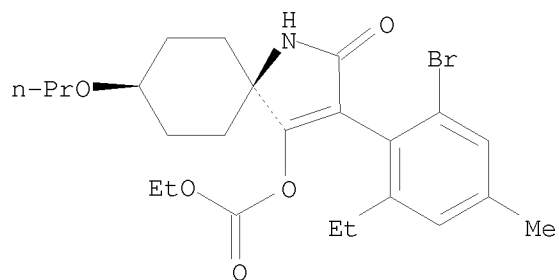
Relative stereochemistry.



RN 852059-14-4 CAPLUS

CN Carbonic acid, cis-3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-8-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

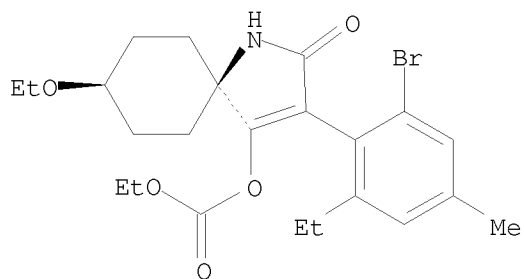
Relative stereochemistry.



RN 852059-15-5 CAPLUS

CN Carbonic acid, cis-3-(2-bromo-6-ethyl-4-methylphenyl)-8-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

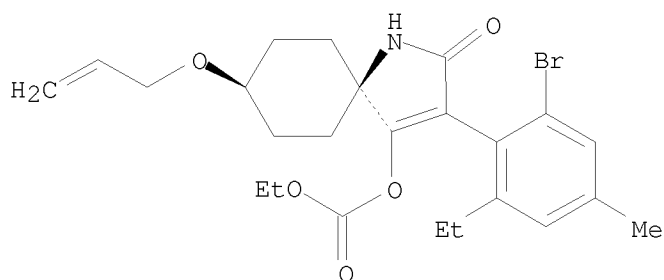
Relative stereochemistry.



RN 852059-16-6 CAPLUS

CN Carbonic acid, cis-3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-8-(2-propenyloxy)-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

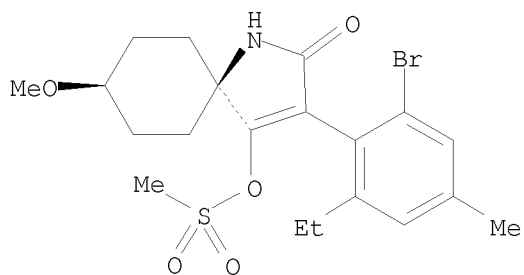
Relative stereochemistry.



RN 852059-17-7 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-8-methoxy-4-[(methylsulfonyl)oxy]-, (5α,8α)- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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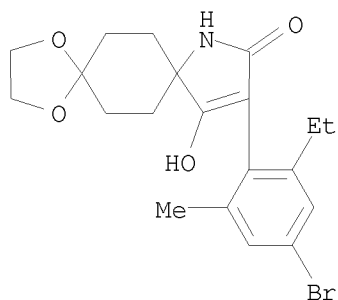
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L4 ANSWER 5 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:849886 CAPLUS

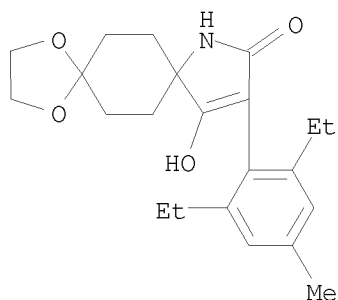
DOCUMENT NUMBER: 145:271639
 TITLE: Preparation of 4-hydroxy-3-phenyl-2H-pyrrol-2-ones and related compounds as pesticides
 INVENTOR(S): Bretschneider, Thomas; Fischer, Reiner; Gaertzen, Oliver; Lehr, Stefan; Drewes, Mark Wilhelm; Feucht, Dieter; Malsam, Olga; Reckmann, Udo; Arnold, Christian; Auler, Thomas; Hempel, Waltraud; Hills, Martin; Kehne, Heinz; Sanwald, Erich
 PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
 SOURCE: Ger. Offen., 117pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102005008021	A1	20060824	DE 2005-102005008021	20050222
AU 2006218154	A1	20060831	AU 2006-218154	20060208
CA 2597777	A1	20060831	CA 2006-2597777	20060208
WO 2006089633	A2	20060831	WO 2006-EP1089	20060208
WO 2006089633	A3	20061123		
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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1855529	A2	20071121	EP 2006-701829	20060208
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JP 2008531486	T	20080814	JP 2007-555500	20060208
MX 200710111	A	20070925	MX 2007-10111	20070820
KR 2007106554	A	20071101	KR 2007-720676	20070910
CN 101160049	A	20080409	CN 2006-80012797	20071017
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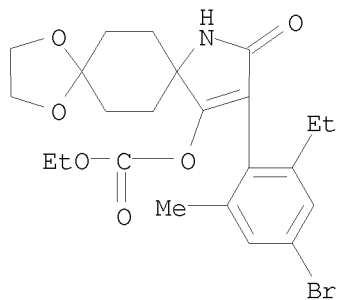
OTHER SOURCE(S): MARPAT 145:271639
 IT 907187-38-6P 907187-39-7P 907187-54-6P
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 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of hydroxyphenylpyrrolones and related compds. as pesticides)
 RN 907187-38-6 CAPLUS
 CN 1,4-Dioxa-9-azadispiro[4.2.4.2]tetradec-11-en-10-one, 11-(4-bromo-2-ethyl-6-methylphenyl)-12-hydroxy- (CA INDEX NAME)



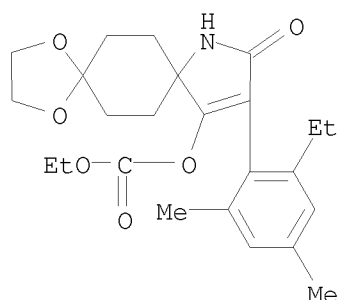
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RN 907187-54-6 CAPLUS
 CN Carbonic acid, 11-(4-bromo-2-ethyl-6-methylphenyl)-10-oxo-1,4-dioxaspiro[4.2.4.2]tetradec-11-en-12-yl ethyl ester (CA INDEX NAME)



RN 907187-55-7 CAPLUS
 CN Carbonic acid, ethyl 11-(2-ethyl-4,6-dimethylphenyl)-10-oxo-1,4-dioxaspiro[4.2.4.2]tetradec-11-en-12-yl ester (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:444417 CAPLUS

DOCUMENT NUMBER: 144:468017

TITLE: Preparation of 1,5-dihydro-4-hydroxy-3-phenyl-2H-pyrrol-2-ones and related compounds as pesticides

INVENTOR(S): Fischer, Reiner; Lehr, Stefan; Drewes, Mark Wilhelm; Feucht, Dieter; Malsam, Olga; Bojack, Guido; Arnold, Christian; Auler, Thomas; Hills, Martin; Kehne, Heinz

PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany

SOURCE: Ger. Offen., 73 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102004053192	A1	20060511	DE 2004-102004053192	20041104
AU 2005309076	A1	20060601	AU 2005-309076	20051021
CA 2586096	A1	20060601	CA 2005-2586096	20051021
WO 2006056281	A1	20060601	WO 2005-EP11342	20051021
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1809634	A1	20070725	EP 2005-795307	20051021
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101094856	A	20071226	CN 2005-80045645	20051021
BR 2005015722	A	20080805	BR 2005-15722	20051021
IN 2007DN03066	A	20070831	IN 2007-DN3066	20070424
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PRIORITY APPLN. INFO.: DE 2004-102004053192A 20041104				
WO 2005-EP11342 W 20051021				

OTHER SOURCE(S): CASREACT 144:468017; MARPAT 144:468017

IT 886232-17-3P 886232-18-4P

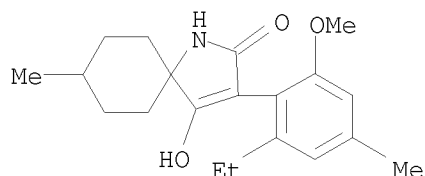
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(preparation of dihydrohydroxyphenylpyrrolones and related compds. as pesticides)

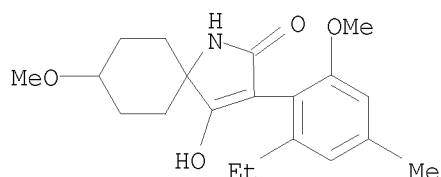
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CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-6-methoxy-4-methylphenyl)-4-hydroxy-8-methyl- (CA INDEX NAME)



RN 886232-18-4 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-6-methoxy-4-methylphenyl)-4-hydroxy-8-methoxy- (CA INDEX NAME)



L4 ANSWER 7 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:444415 CAPLUS

DOCUMENT NUMBER: 144:468016

TITLE: Preparation of 1,5-dihydro-4-hydroxy-3-phenyl-2H-pyrrol-2-ones and related compounds as pesticides

INVENTOR(S): Fischer, Reiner; Lehr, Stefan; Drewes, Mark Wilhelm; Feucht, Dieter; Malsam, Olga; Bojack, Guido; Arnold, Christian; Auler, Thomas; Hills, Martin; Kehne, Heinz

PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany

SOURCE: Ger. Offen., 74 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

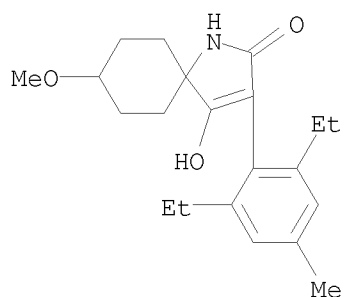
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

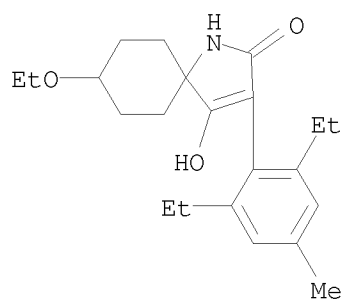
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DE 102004053191	A1	20060511	DE 2004-102004053191	20041104
AU 2005309077	A1	20060601	AU 2005-309077	20051021
CA 2595602	A1	20060601	CA 2005-2595602	20051021
WO 2006056282	A1	20060601	WO 2005-EP11343	20051021
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,			

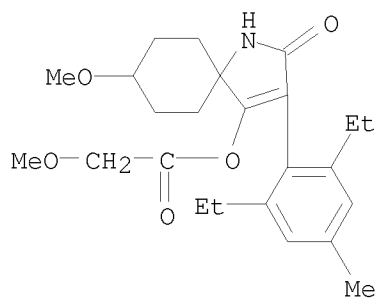
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 KG, KZ, MD, RU, TJ, TM
 EP 1809635 A1 20070725 EP 2005-797955 20051021
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
 CN 101094855 A 20071226 CN 2005-80045644 20051021
 BR 2005015718 A 20080805 BR 2005-15718 20051021
 IN 2007DN03213 A 20070831 IN 2007-DN3213 20070430
 PRIORITY APPLN. INFO.: DE 2004-102004053191A 20041104
 WO 2005-EP11343 W 20051021
 OTHER SOURCE(S): CASREACT 144:468016; MARPAT 144:468016
 IT 886230-55-3P 886230-56-4P 886230-59-7P
 886230-60-0P 886230-61-1P 886230-66-6P
 886230-67-7P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of hydroxyphenylpyrrolones and related compds. as pesticides)
 RN 886230-55-3 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,6-diethyl-4-methylphenyl)-4-hydroxy-8-
 methoxy- (CA INDEX NAME)



RN 886230-56-4 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2,6-diethyl-4-methylphenyl)-8-ethoxy-4-
 hydroxy- (CA INDEX NAME)

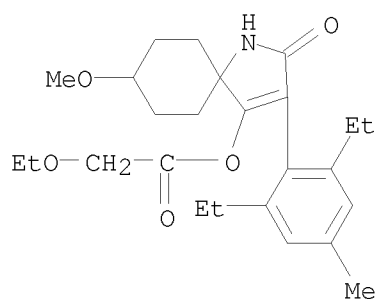


RN 886230-59-7 CAPLUS
 CN Acetic acid, 2-methoxy-, 3-(2,6-diethyl-4-methylphenyl)-8-methoxy-2-oxo-1-
 azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



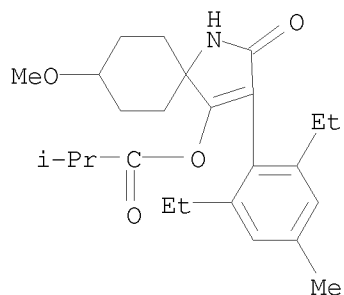
RN 886230-60-0 CAPLUS

CN Acetic acid, 2-ethoxy-, 3-(2,6-diethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



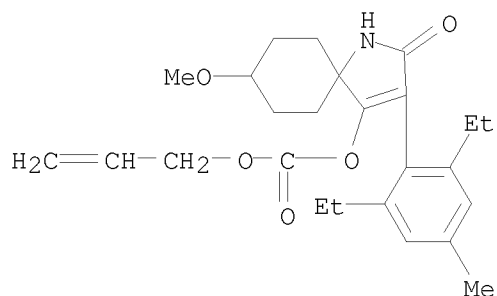
RN 886230-61-1 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(2,6-diethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



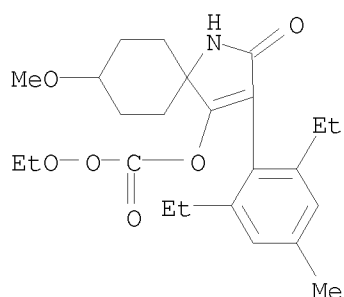
RN 886230-66-6 CAPLUS

CN Carbonic acid, 3-(2,6-diethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl 2-propen-1-yl ester (CA INDEX NAME)



RN 886230-67-7 CAPLUS

CN Carbonoperoxoic acid, O-3-(2,6-diethyl-4-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl OO-ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:273688 CAPLUS

DOCUMENT NUMBER: 144:331254

TITLE: Iodophenyl-substituted cyclic keto enols and their preparation, agrochemical compositions, and use as pesticides and/or herbicides

INVENTOR(S): Fischer, Reiner; Bretschneider, Thomas; Ilg, Kerstin; Lehr, Stefan; Feucht, Dieter; Malsam, Olga; Reckmann, Udo; Bojack, Guido; Arnold, Christian; Auler, Thomas; Hills, Martin, Jeffrey; Kehne, Heinz; Hempel, Waltraud; Sanwald, Erich

PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

SOURCE: PCT Int. Appl., 263 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006029799	A1	20060323	WO 2005-EP9807	20050913
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				

CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
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 KG, KZ, MD, RU, TJ, TM

DE 102004044827	A1	20060323	DE 2004-102004044827	20040916
AU 2005284318	A1	20060323	AU 2005-284318	20050913
CA 2580328	A1	20060323	CA 2005-2580328	20050913
EP 1791816	A1	20070606	EP 2005-783004	20050913

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
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CN 101056852	A	20071017	CN 2005-80038290	20050913
JP 2008513391	T	20080501	JP 2007-531656	20050913
BR 2005015398	A	20080722	BR 2005-15398	20050913
IN 2007DN02012	A	20070817	IN 2007-DN2012	20070315
KR 2007054240	A	20070528	KR 2007-708281	20070412

PRIORITY APPLN. INFO.: DE 2004-102004044827A 20040916
 WO 2005-EP9807 W 20050913

OTHER SOURCE(S): MARPAT 144:331254

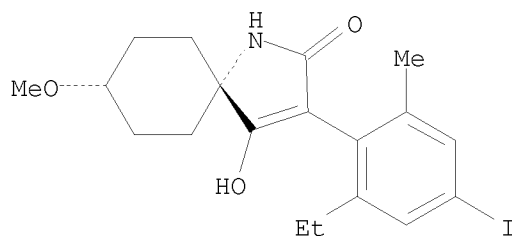
IT 880132-88-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT
 (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP
 (Preparation); RACT (Reactant or reagent); USES (Uses)
 (agrochem. compound and intermediate; preparation of iodophenyl-substituted
 cyclic keto enols and their use as pesticides and/or herbicides)

RN 880132-88-7 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4-iodo-6-methylphenyl)-4-hydroxy-
 8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.

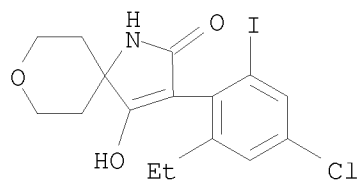


IT 880132-96-7P 880133-00-6P 880133-05-1P
 880133-14-2P 880133-15-3P 880133-21-1P
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 880133-35-7P 880133-36-8P 880133-42-6P
 880133-43-7P 880133-44-8P 880133-46-0P
 880133-47-1P 880133-48-2P 880133-50-6P
 880133-53-9P 880133-57-3P 880133-58-4P
 880133-64-2P 880133-65-3P 880133-69-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (agrochem. compound; preparation of iodophenyl-substituted cyclic keto enols
 and their use as pesticides and/or herbicides)

RN 880132-96-7 CAPLUS

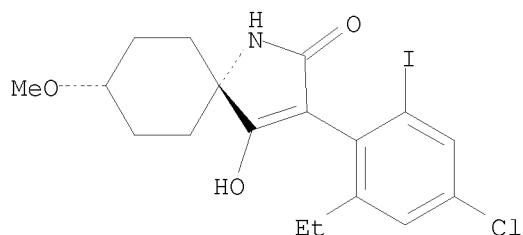
CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-iodophenyl)-4-
 hydroxy- (CA INDEX NAME)



RN 880133-00-6 CAPLUS

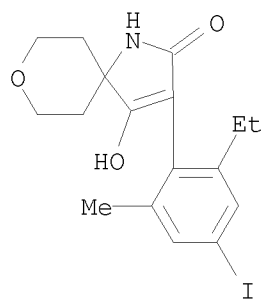
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-iodophenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

Relative stereochemistry.



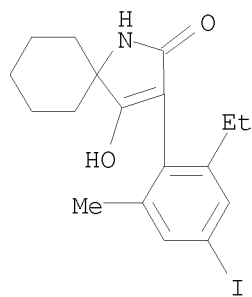
RN 880133-05-1 CAPLUS

CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4-iodo-6-methylphenyl)-4-hydroxy- (CA INDEX NAME)



RN 880133-14-2 CAPLUS

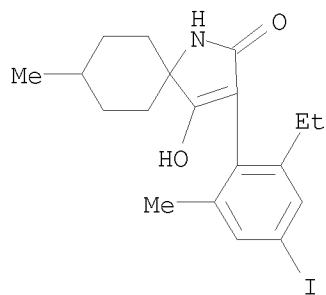
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4-iodo-6-methylphenyl)-4-hydroxy- (CA INDEX NAME)



RN 880133-15-3 CAPLUS

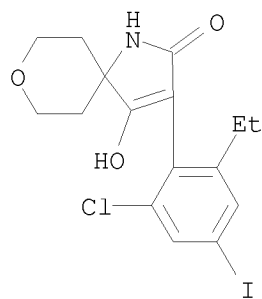
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4-iodo-6-methylphenyl)-4-hydroxy-

8-methyl- (CA INDEX NAME)



RN 880133-21-1 CAPLUS

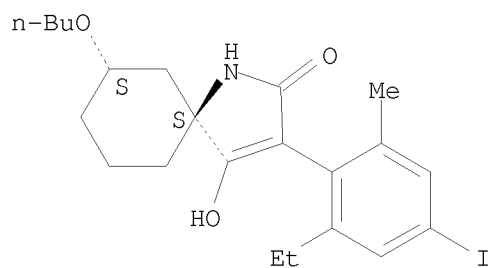
CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2-chloro-6-ethyl-4-iodophenyl)-4-hydroxy- (CA INDEX NAME)



RN 880133-27-7 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(2-ethyl-4-iodo-6-methylphenyl)-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

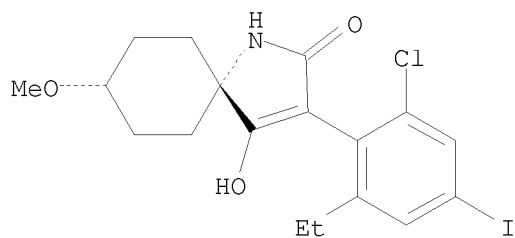
Relative stereochemistry.



RN 880133-28-8 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-chloro-6-ethyl-4-iodophenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

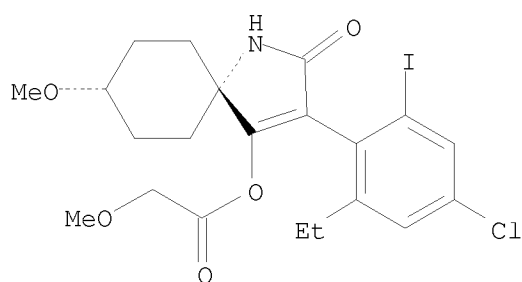
Relative stereochemistry.



RN 880133-34-6 CAPLUS

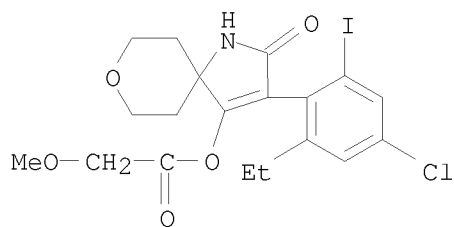
CN Acetic acid, 2-methoxy-, (5 α ,8 α)-3-(4-chloro-2-ethyl-6-iodophenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

Relative stereochemistry.



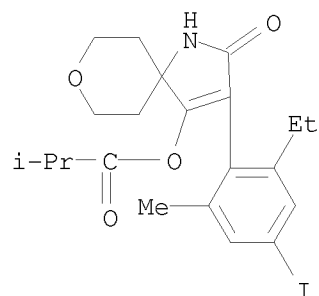
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CN Acetic acid, 2-methoxy-, 3-(4-chloro-2-ethyl-6-iodophenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

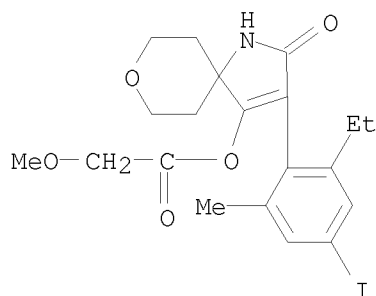


RN 880133-36-8 CAPLUS

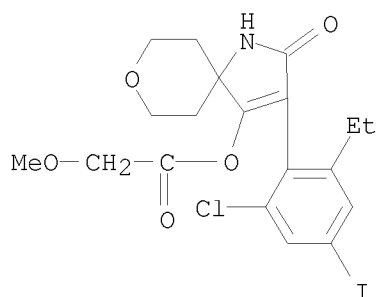
CN Propanoic acid, 2-methyl-, 3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 880133-42-6 CAPLUS
 CN Acetic acid, 2-methoxy-, 3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

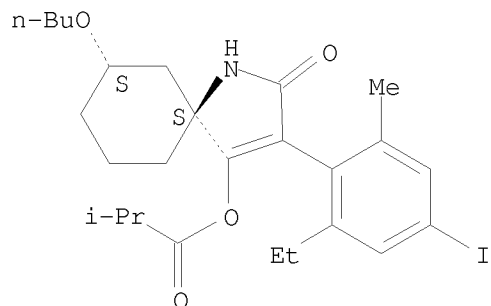


RN 880133-43-7 CAPLUS
 CN Acetic acid, 2-methoxy-, 3-(2-chloro-6-ethyl-4-iodophenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



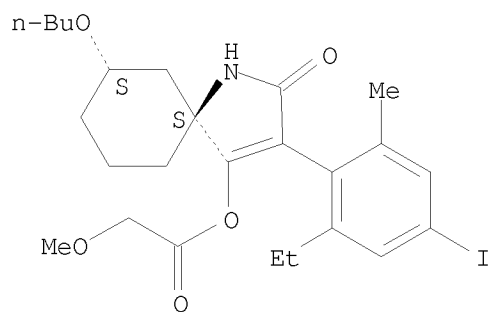
RN 880133-44-8 CAPLUS
 CN Propanoic acid, 2-methyl-, (5R,7R)-7-butoxy-3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



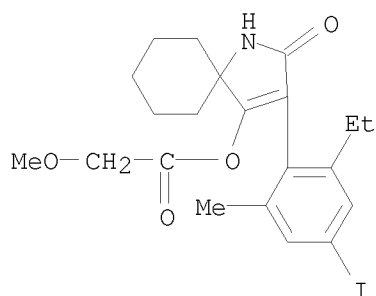
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 CN Acetic acid, 2-methoxy-, (5R,7R)-7-butoxy-3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



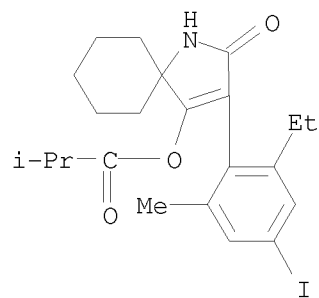
RN 880133-47-1 CAPLUS

CN Acetic acid, 2-methoxy-, 3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



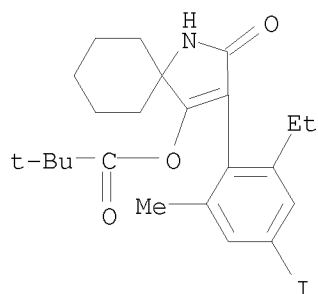
RN 880133-48-2 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 880133-50-6 CAPLUS

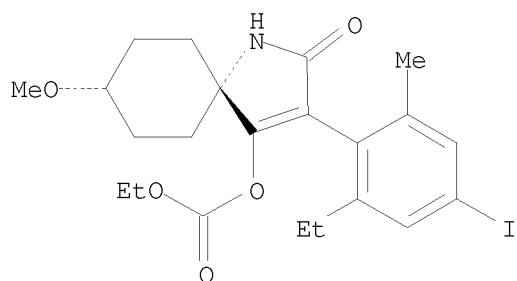
CN Propanoic acid, 2,2-dimethyl-, 3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 880133-53-9 CAPLUS

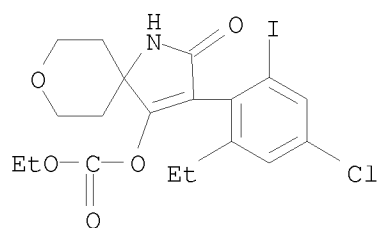
CN Carbonic acid, ethyl cis-3-(2-ethyl-4-iodo-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 880133-57-3 CAPLUS

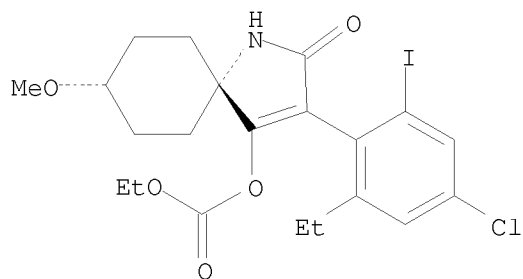
CN Carbonic acid, 3-(4-chloro-2-ethyl-6-iodophenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (CA INDEX NAME)



RN 880133-58-4 CAPLUS

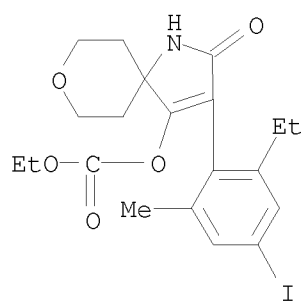
CN Carbonic acid, cis-3-(4-chloro-2-ethyl-6-iodophenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



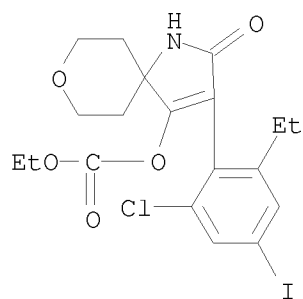
RN 880133-64-2 CAPLUS

CN Carbonic acid, ethyl 3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ester (9CI) (CA INDEX NAME)



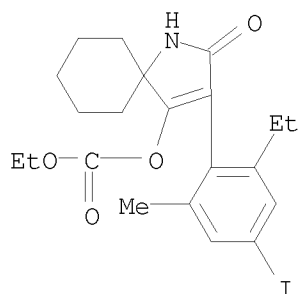
RN 880133-65-3 CAPLUS

CN Carbonic acid, 3-(2-chloro-6-ethyl-4-iodophenyl)-2-oxo-8-oxa-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (CA INDEX NAME)



RN 880133-69-7 CAPLUS

CN Carbonic acid, ethyl 3-(2-ethyl-4-iodo-6-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:190359 CAPLUS

DOCUMENT NUMBER: 144:227945

TITLE: Herbicidal compositions comprising ketoenols

INVENTOR(S): Huff, Hans Philipp; Hacker, Erwin; Bojack, Guido; Fischer, Reiner; Feucht, Dieter; Lehr, Stefan

PATENT ASSIGNEE(S): Bayer Cropscience G.m.b.H., Germany

SOURCE: Ger. Offen., 31 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

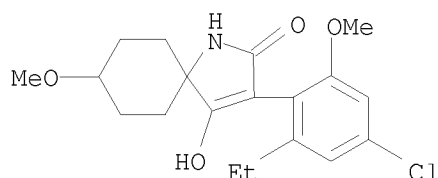
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102004041529	A1	20060302	DE 2004-102004041529	20040827
AU 2005279428	A1	20060309	AU 2005-279428	20050820
CA 2577945	A1	20060309	CA 2005-2577945	20050820
WO 2006024411	A2	20060309	WO 2005-EP9017	20050820
WO 2006024411	A3	20060518		
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EP 1784075	A2	20070516	EP 2005-774784	20050820
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CN 101010006	A	20070801	CN 2005-80028863	20050820
JP 2008510752	T	20080410	JP 2007-528707	20050820
BR 2005014720	A	20080624	BR 2005-14720	20050820
IN 2007DN00562	A	20070817	IN 2007-DN562	20070122
MX 200702244	A	20070504	MX 2007-2244	20070223
KR 2007047821	A	20070507	KR 2007-705458	20070308
US 20080167188	A1	20080710	US 2007-574301	20071106
PRIORITY APPLN. INFO.:			DE 2004-102004041529A	20040827
			WO 2005-EP9017	W 20050820
IT 876176-38-4D, mixts. containing 876176-41-9D, mixts. containing				

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 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (herbicidal compns.)

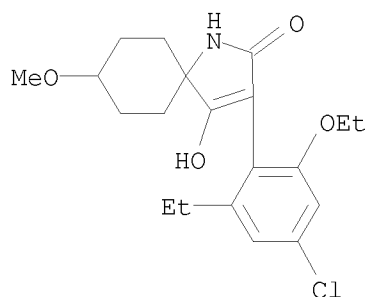
RN 876176-38-4 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-8-methoxy- (CA INDEX NAME)



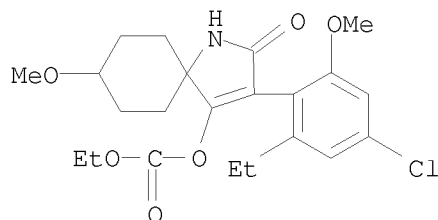
RN 876176-41-9 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethoxy-6-ethylphenyl)-4-hydroxy-8-methoxy- (CA INDEX NAME)



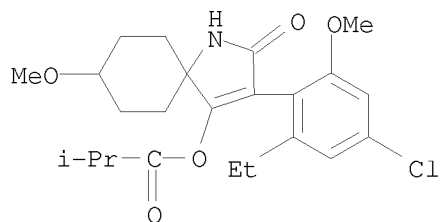
RN 876176-42-0 CAPLUS

CN Carbonic acid, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (CA INDEX NAME)



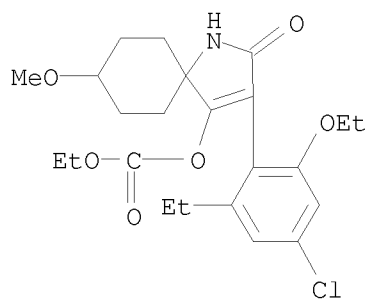
RN 876176-43-1 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



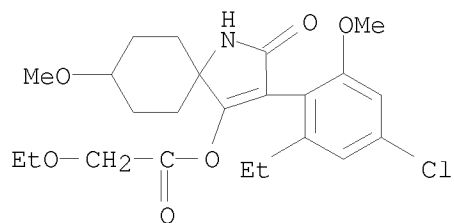
RN 876176-44-2 CAPLUS

CN Carbonic acid, 3-(4-chloro-2-ethoxy-6-ethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (CA INDEX NAME)



RN 876176-46-4 CAPLUS

CN Acetic acid, 2-ethoxy-, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



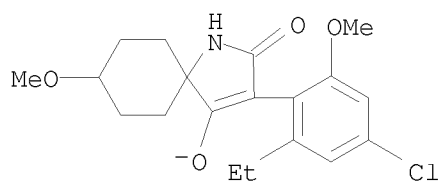
RN 876176-48-6 CAPLUS

CN 1-Hexanaminium, N,N,N-trihexyl-, salt with 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one (1:1) (CA INDEX NAME)

CM 1

CRN 876176-47-5

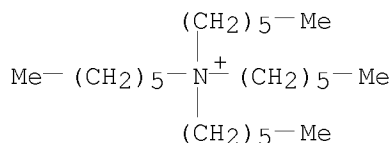
CMF C19 H23 Cl N O4



CM 2

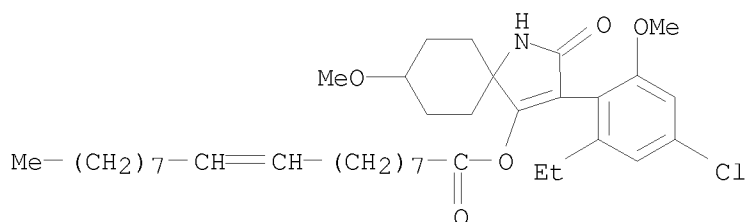
CRN 20256-54-6

CMF C24 H52 N



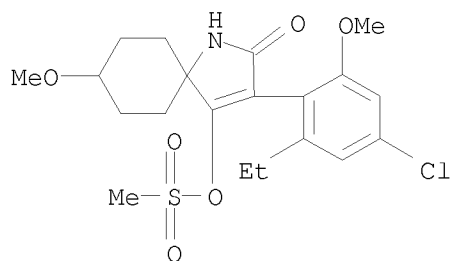
RN 876176-49-7 CAPLUS

CN 9-Octadecenoic acid, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



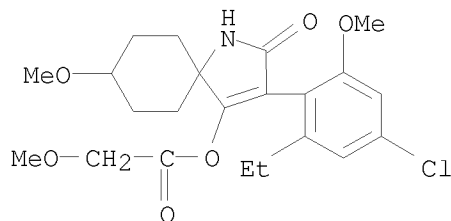
RN 876176-52-2 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methoxy-4-[(methylsulfonyl)oxy]- (CA INDEX NAME)



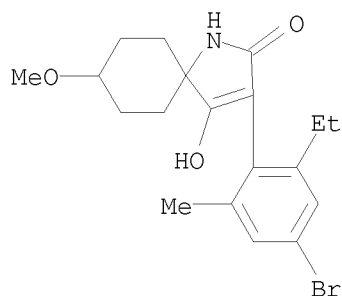
RN 876176-53-3 CAPLUS

CN Acetic acid, 2-methoxy-, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



ACCESSION NUMBER: 2006:74894 CAPLUS
 DOCUMENT NUMBER: 144:165830
 TITLE: Selective synergistic insecticides and acaricides
 based on cyclic ketoenols and safeners
 INVENTOR(S): Fischer, Reiner; Reckmann, Udo; Rosinger, Christopher
 Hugh; Sanwald, Erich; Arnold, Christian
 PATENT ASSIGNEE(S): Bayer CropScience AG, Germany
 SOURCE: PCT Int. Appl., 109 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

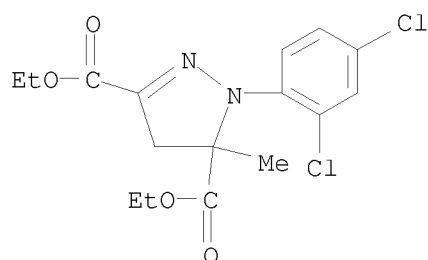
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006008111	A1	20060126	WO 2005-EP7794	20050718
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
DE 102004035133	A1	20060216	DE 2004-102004035133	20040720
AU 2005263570	A1	20060126	AU 2005-263570	20050718
CA 2574216	A1	20060126	CA 2005-2574216	20050718
EP 1771067	A1	20070411	EP 2005-776440	20050718
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101018483	A	20070815	CN 2005-80030721	20050718
JP 2008506743	T	20080306	JP 2007-521877	20050718
BR 2005013532	A	20080506	BR 2005-13532	20050718
IN 2007DN00972	A	20070803	IN 2007-DN972	20070206
PRIORITY APPLN. INFO.:			DE 2004-102004035133A	20040720
			WO 2005-EP7794	W 20050718
OTHER SOURCE(S): MARPAT 144:165830				
IT 874291-74-4				
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (selective synergistic insecticide and acaricide)				
RN 874291-74-4 CAPLUS				
CN 1H-Pyrazole-3,5-dicarboxylic acid, 1-(2,4-dichlorophenyl)-4,5-dihydro-5- methyl-, diethyl ester, mixt. with 3-(4-bromo-2-ethyl-6-methylphenyl)-4- hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one (9CI) (CA INDEX NAME)				
CM 1				
CRN 874291-73-3				
CMF C19 H24 Br N O3				



CM 2

CRN 135590-91-9

CMF C16 H18 Cl2 N2 O4

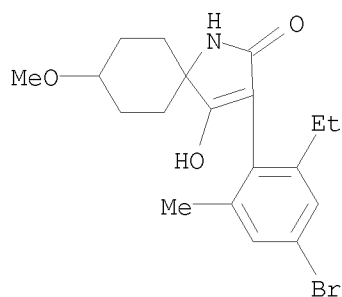


IT 874291-73-3D, mixts. with safeners

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(selective synergistic insecticides and acaricides)

RN 874291-73-3 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-8-methoxy- (CA INDEX NAME)



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:15861 CAPLUS

DOCUMENT NUMBER: 144:108201

TITLE: Preparation of 3-alkoxylspirotetramic acids and related compounds as pesticides

INVENTOR(S): Fischer, Reiner; Gaertzen, Oliver; Lehr, Stefan; Bretschneider, Thomas; Feucht, Dieter; Malsam, Olga; Arnold, Christian; Auler, Thomas; Hills, Martin

PATENT ASSIGNEE(S): Jeffrey; Kehne, Heinz; Rosinger, Chris; De; De
 SOURCE: Bayer Cropscience AG, Germany
 PCT Int. Appl., 239 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006000355	A1	20060105	WO 2005-EP6588	20050618
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
DE 102004030753	A1	20060119	DE 2004-102004030753	20040625
AU 2005256426	A1	20060105	AU 2005-256426	20050618
CA 2572141	A1	20060105	CA 2005-2572141	20050618
EP 1761490	A1	20070314	EP 2005-754755	20050618
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101006056	A	20070725	CN 2005-80028500	20050618
BR 2005011071	A	20071127	BR 2005-11071	20050618
JP 2008503521	T	20080207	JP 2007-517166	20050618
IN 2006DN07760	A	20070817	IN 2006-DN7760	20061220
KR 2007035045	A	20070329	KR 2007-701626	20070123
PRIORITY APPLN. INFO.:			DE 2004-102004030753A	20040625
			WO 2005-EP6588	W 20050618

OTHER SOURCE(S): MARPAT 144:108201
 IT 872844-07-0P 872844-08-1P 872844-09-2P
 872844-10-5P 872844-11-6P 872844-12-7P
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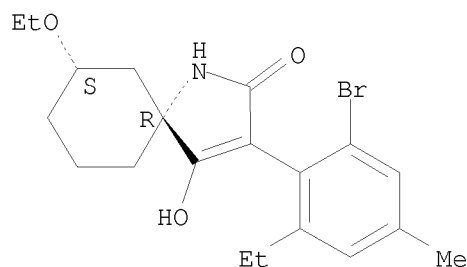
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3-alkoxylspirotetramic acids and related compds. as pesticides)

RN 872844-07-0 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-7-ethoxy-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

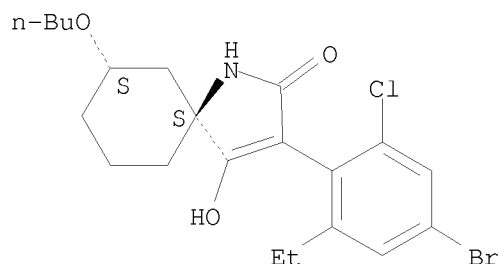
Relative stereochemistry.



RN 872844-08-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-chloro-6-ethylphenyl)-7-butoxy-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

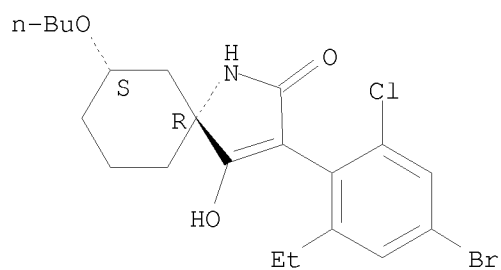
Relative stereochemistry.



RN 872844-09-2 CAPLUS

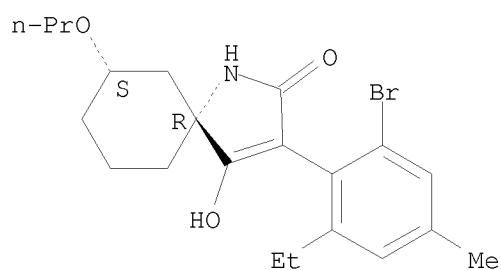
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-chloro-6-ethylphenyl)-7-butoxy-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



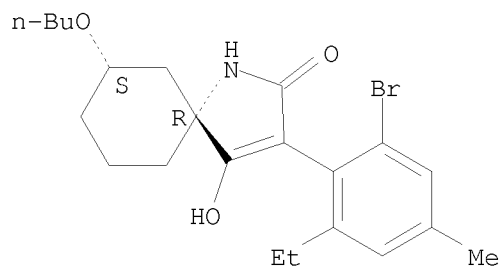
RN 872844-10-5 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-7-propoxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



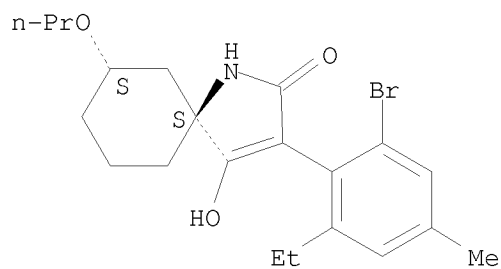
RN 872844-11-6 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



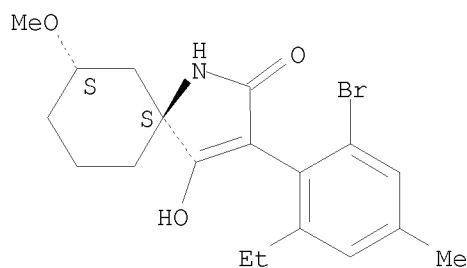
RN 872844-12-7 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-7-butoxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



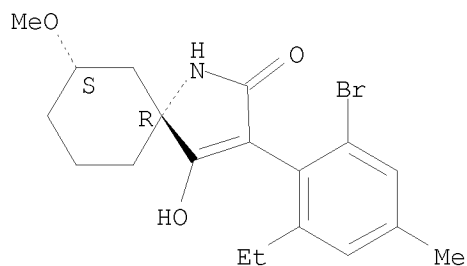
RN 872844-14-9 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-7-methoxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



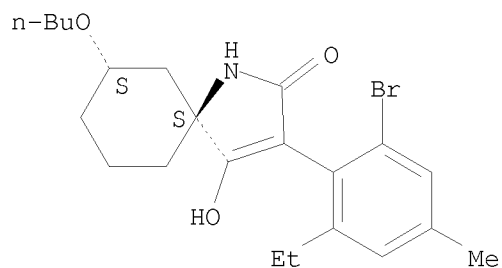
RN 872844-16-1 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-7-methoxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



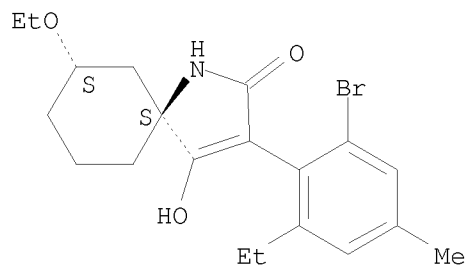
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CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



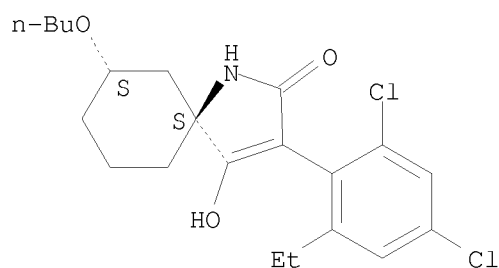
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CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-7-ethoxy-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



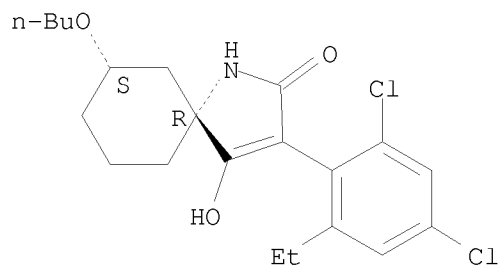
RN 872844-32-1 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(2,4-dichloro-6-ethylphenyl)-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



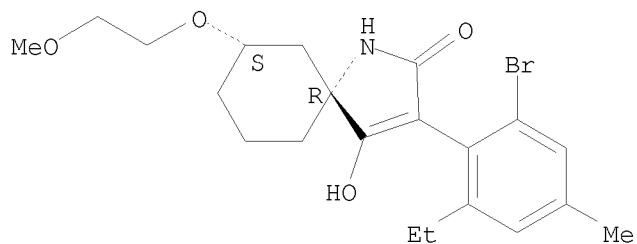
RN 872844-33-2 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(2,4-dichloro-6-ethylphenyl)-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



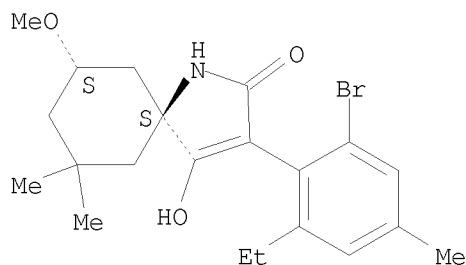
RN 872844-34-3 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-7-(2-methoxyethoxy)-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



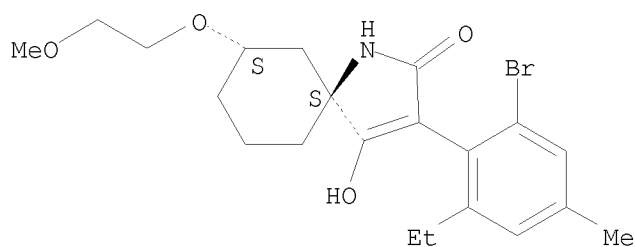
RN 872844-37-6 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-9-methoxy-7,7-dimethyl-, (5R,9R)-rel- (CA INDEX NAME)

Relative stereochemistry.



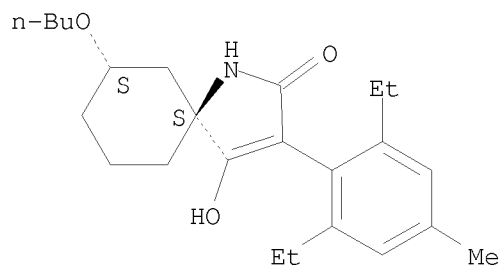
RN 872844-40-1 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-7-(2-methoxyethoxy)-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



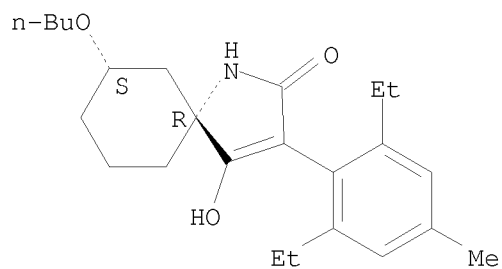
RN 872844-47-8 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(2,6-diethyl-4-methylphenyl)-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 872844-48-9 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(2,6-diethyl-4-methylphenyl)-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

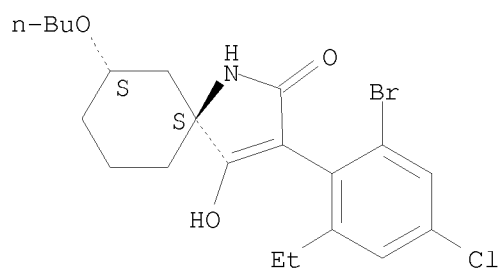
Relative stereochemistry.



RN 872844-49-0 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

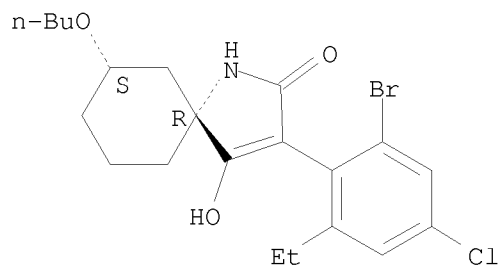
Relative stereochemistry.



RN 872844-50-3 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

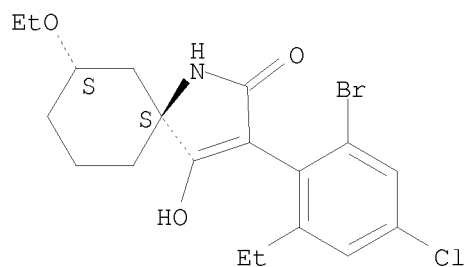
Relative stereochemistry.



RN 872844-51-4 CAPLUS

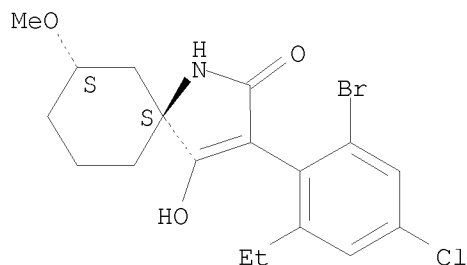
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-7-ethoxy-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



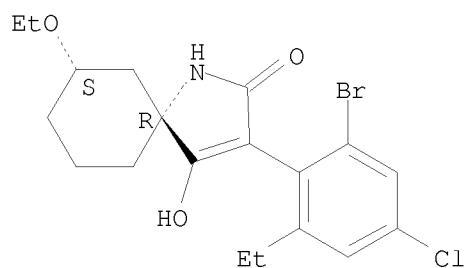
RN 872844-52-5 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-4-hydroxy-7-methoxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



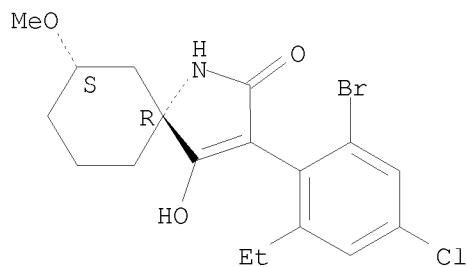
RN 872844-54-7 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-7-ethoxy-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



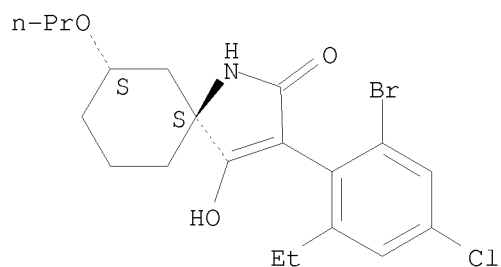
RN 872844-55-8 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-4-hydroxy-7-methoxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



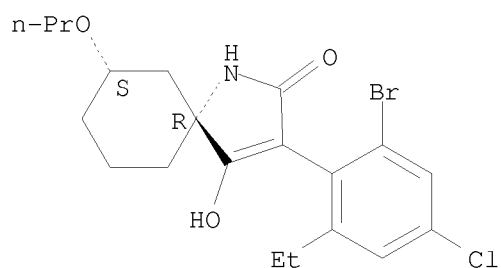
RN 872844-56-9 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-4-hydroxy-7-propoxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



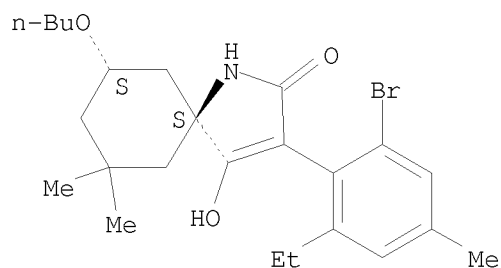
RN 872844-57-0 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-4-hydroxy-7-propoxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



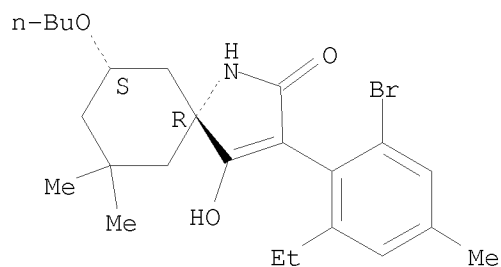
RN 872844-60-5 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-9-butoxy-4-hydroxy-7,7-dimethyl-, (5R,9R)-rel- (CA INDEX NAME)

Relative stereochemistry.



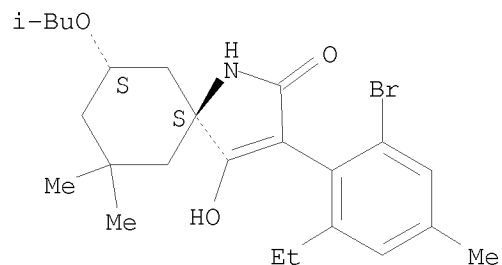
RN 872844-61-6 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-9-butoxy-4-hydroxy-7,7-dimethyl-, (5R,9S)-rel- (CA INDEX NAME)

Relative stereochemistry.



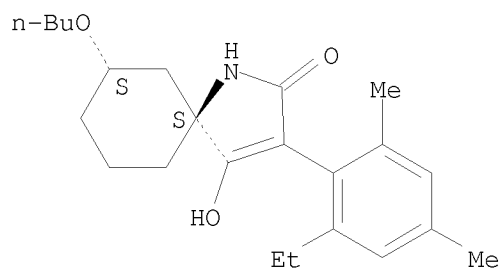
RN 872844-62-7 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-4-hydroxy-7,7-dimethyl-9-(2-methylpropoxy)-, (5R,9R)-rel- (CA INDEX NAME)

Relative stereochemistry.



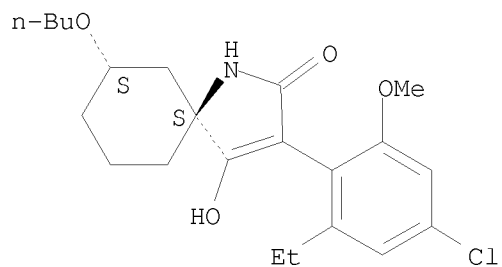
RN 872844-63-8 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



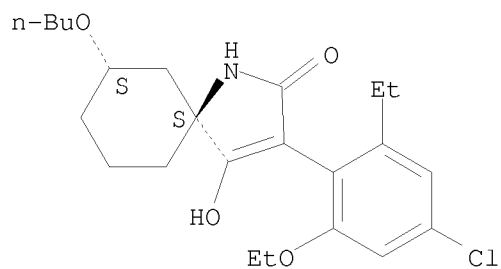
RN 872844-64-9 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 872844-65-0 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(4-chloro-2-ethoxy-6-ethylphenyl)-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

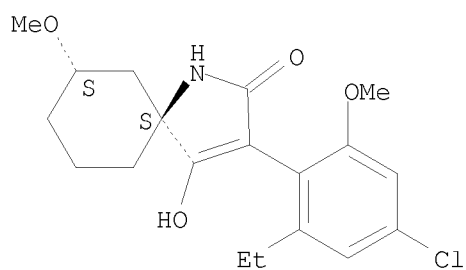
Relative stereochemistry.



RN 872844-66-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-7-methoxy-, (5R,7R)-rel- (CA INDEX NAME)

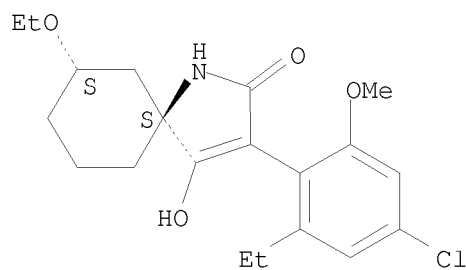
Relative stereochemistry.



RN 872844-67-2 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-7-ethoxy-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

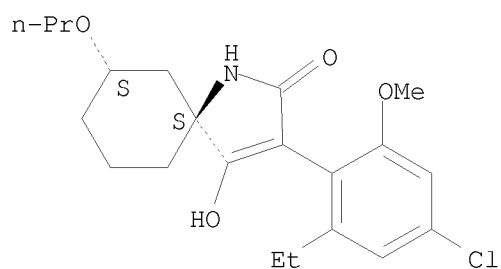
Relative stereochemistry.



RN 872844-68-3 CAPLUS

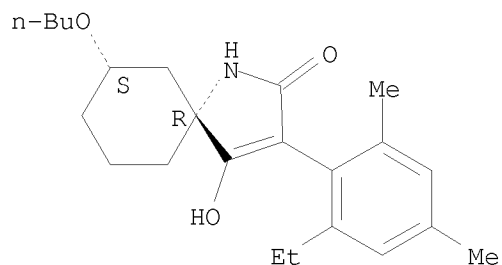
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-7-propoxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



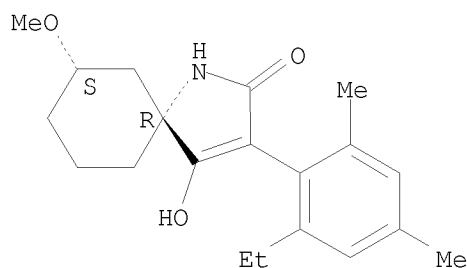
RN 872844-69-4 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



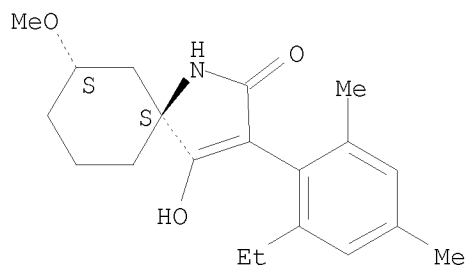
RN 872844-70-7 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy-7-methoxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



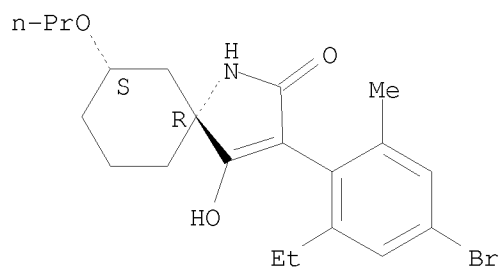
RN 872844-71-8 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy-7-methoxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 872844-72-9 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-7-propoxy-, (5R,7S)-rel- (CA INDEX NAME)

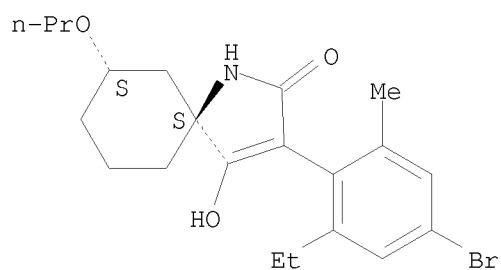
Relative stereochemistry.



RN 872844-73-0 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-7-propoxy-, (5R,7R)-rel- (CA INDEX NAME)

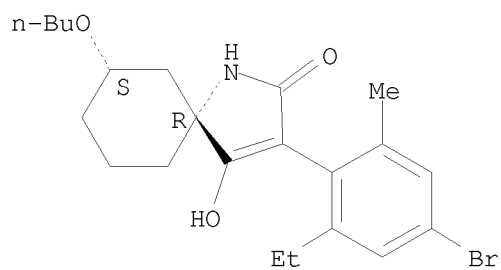
Relative stereochemistry.



RN 872844-74-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-7-butoxy-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

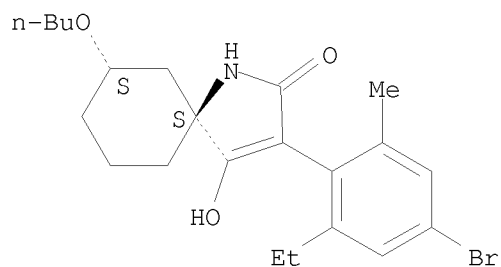
Relative stereochemistry.



RN 872844-75-2 CAPLUS

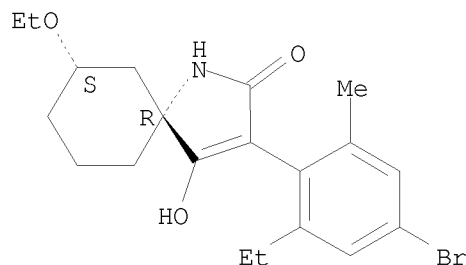
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-7-butoxy-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



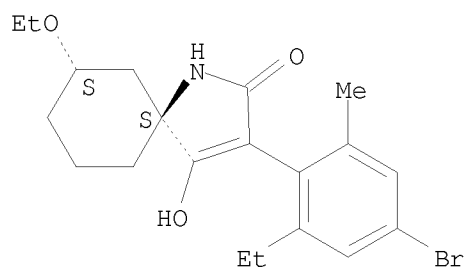
RN 872844-76-3 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-7-ethoxy-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



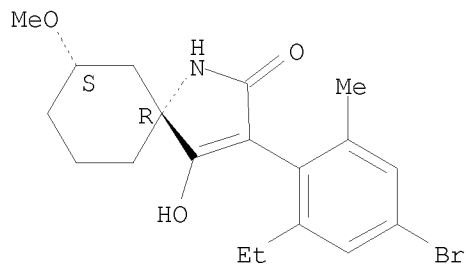
RN 872844-77-4 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-7-ethoxy-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



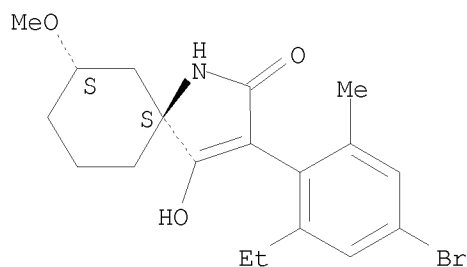
RN 872844-78-5 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-7-methoxy-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 872844-79-6 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-7-methoxy-, (5R,7R)-rel- (CA INDEX NAME)

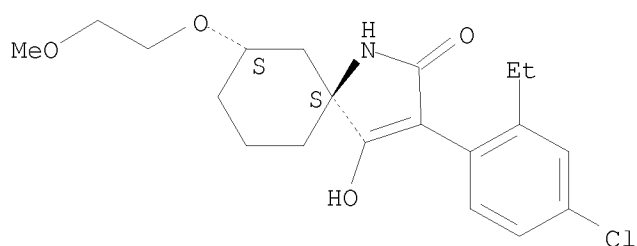
Relative stereochemistry.



RN 872844-85-4 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethylphenyl)-4-hydroxy-7-(2-methoxyethoxy)-, (5R,7R)-rel- (CA INDEX NAME)

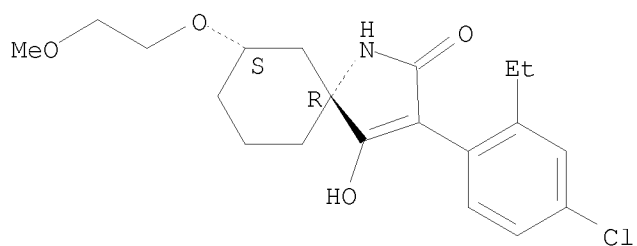
Relative stereochemistry.



RN 872844-86-5 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethylphenyl)-4-hydroxy-7-(2-methoxyethoxy)-, (5R,7S)-rel- (CA INDEX NAME)

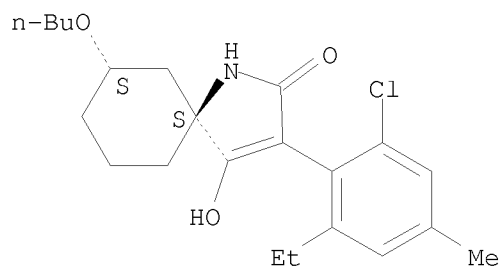
Relative stereochemistry.



RN 872844-87-6 CAPLUS

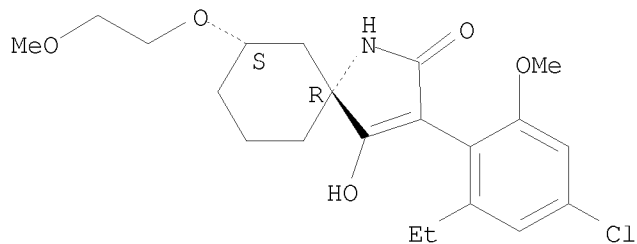
CN 1-Azaspiro[4.5]dec-3-en-2-one, 7-butoxy-3-(2-chloro-6-ethyl-4-methylphenyl)-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



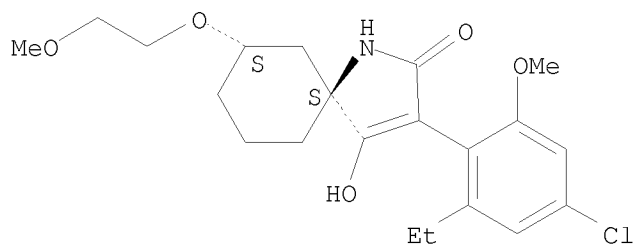
RN 872844-91-2 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-7-(2-methoxyethoxy)-, (5R,7S)-rel- (CA INDEX NAME)

Relative stereochemistry.



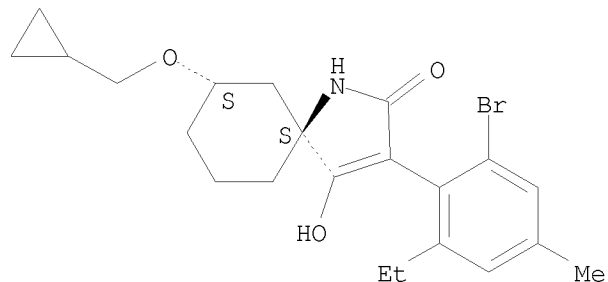
RN 872844-92-3 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methoxyphenyl)-4-hydroxy-7-(2-methoxyethoxy)-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



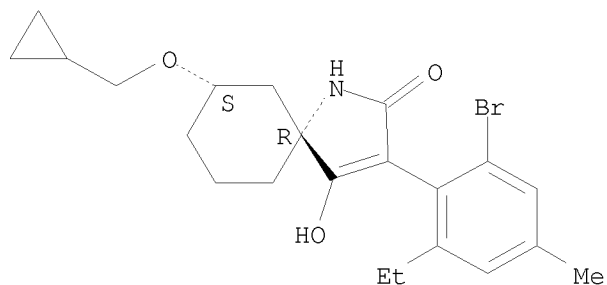
RN 872844-94-5 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-7-(cyclopropylmethoxy)-4-hydroxy-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.



RN 872844-95-6 CAPLUS
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-6-ethyl-4-methylphenyl)-7-(cyclopropylmethoxy)-4-hydroxy-, (5R,7S)-rel- (CA INDEX NAME)

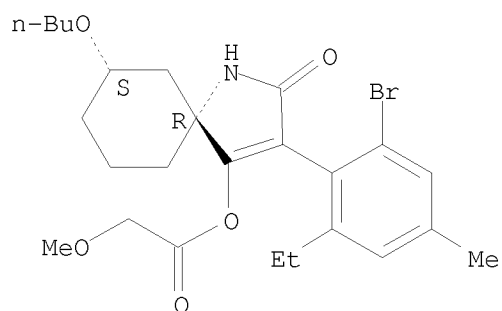
Relative stereochemistry.



RN 872844-97-8 CAPLUS

CN Acetic acid, 2-methoxy-, (5S,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

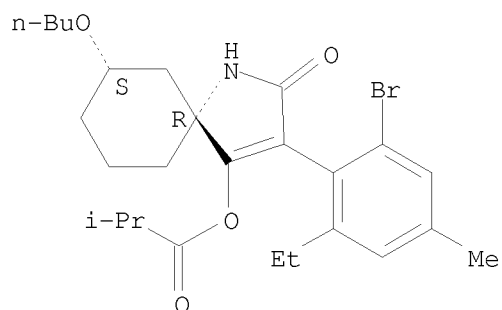
Relative stereochemistry.



RN 872844-98-9 CAPLUS

CN Propanoic acid, 2-methyl-, (5S,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

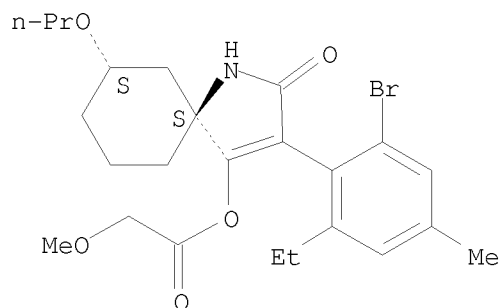
Relative stereochemistry.



RN 872844-99-0 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-7-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

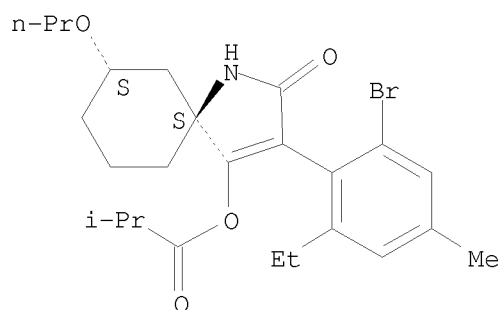
Relative stereochemistry.



RN 872845-00-6 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-7-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

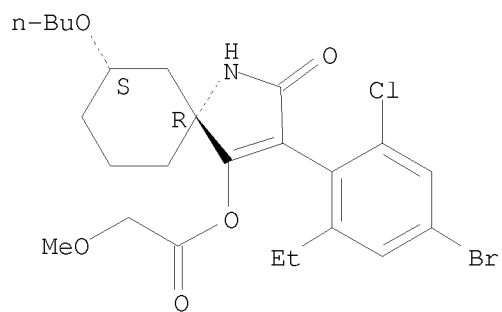
Relative stereochemistry.



RN 872845-01-7 CAPLUS

CN Acetic acid, 2-methoxy-, (5S,7R)-3-(4-bromo-2-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

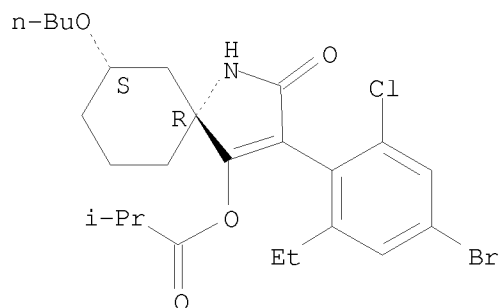
Relative stereochemistry.



RN 872845-02-8 CAPLUS

CN Propanoic acid, 2-methyl-, (5S,7R)-3-(4-bromo-2-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

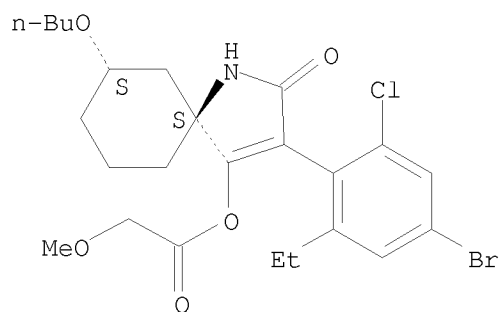
Relative stereochemistry.



RN 872845-03-9 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(4-bromo-2-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

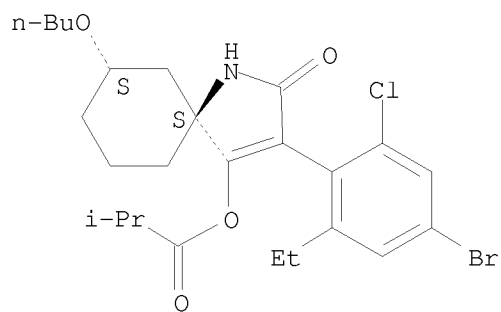
Relative stereochemistry.



RN 872845-04-0 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(4-bromo-2-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

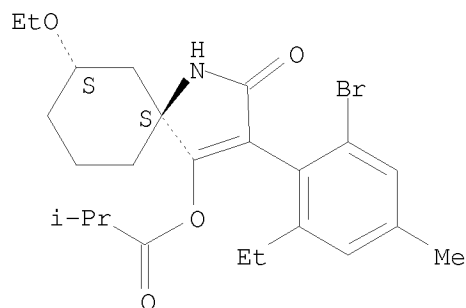
Relative stereochemistry.



RN 872845-05-1 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

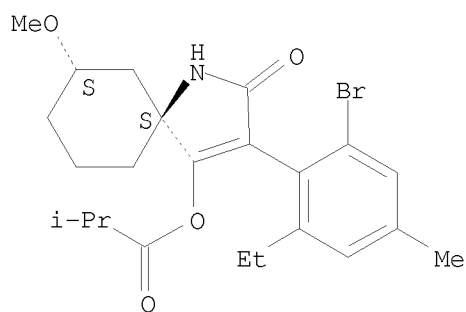
Relative stereochemistry.



RN 872845-06-2 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

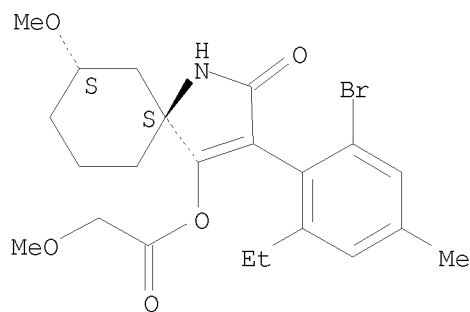
Relative stereochemistry.



RN 872845-07-3 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

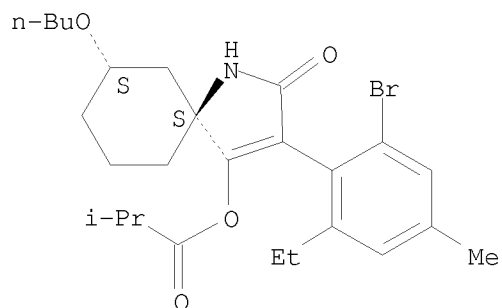
Relative stereochemistry.



RN 872845-08-4 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

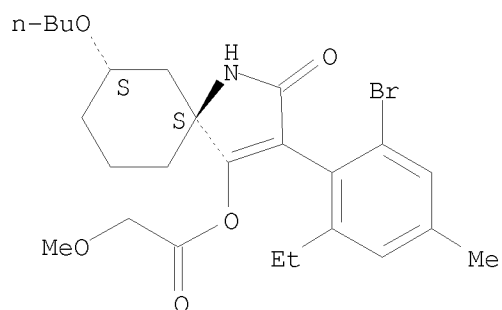
Relative stereochemistry.



RN 872845-09-5 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

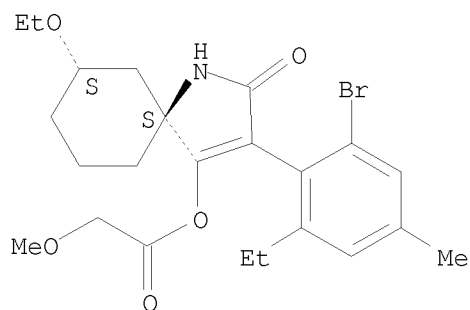
Relative stereochemistry.



RN 872845-10-8 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

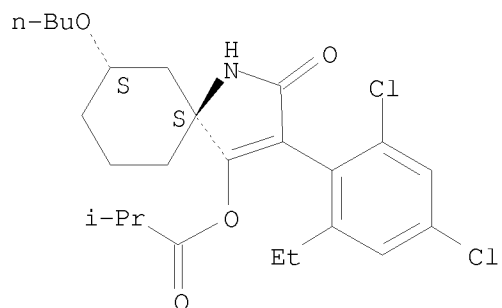
Relative stereochemistry.



RN 872845-12-0 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-7-butoxy-3-(2,4-dichloro-6-ethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

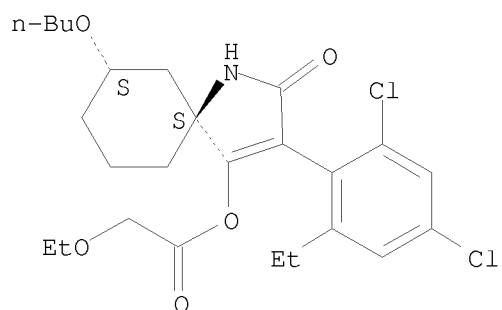
Relative stereochemistry.



RN 872845-13-1 CAPLUS

CN Acetic acid, 2-ethoxy-, (5R,7R)-7-butoxy-3-(2,4-dichloro-6-ethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

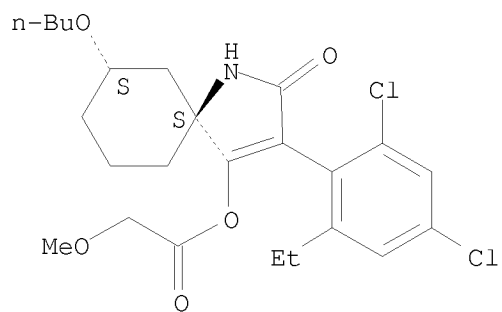
Relative stereochemistry.



RN 872845-14-2 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-7-butoxy-3-(2,4-dichloro-6-ethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

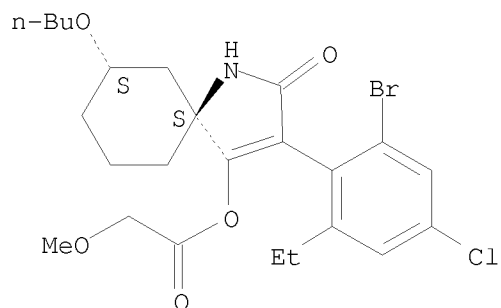
Relative stereochemistry.



RN 872845-17-5 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

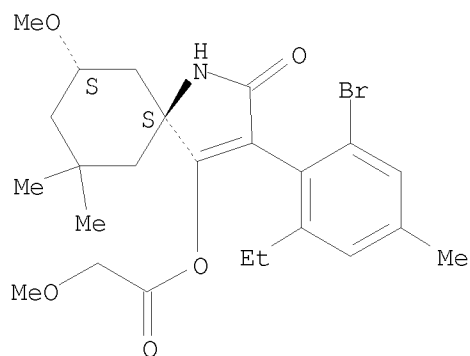
Relative stereochemistry.



RN 872845-18-6 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,9R)-3-(2-bromo-6-ethyl-4-methylphenyl)-9-methoxy-7,7-dimethyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

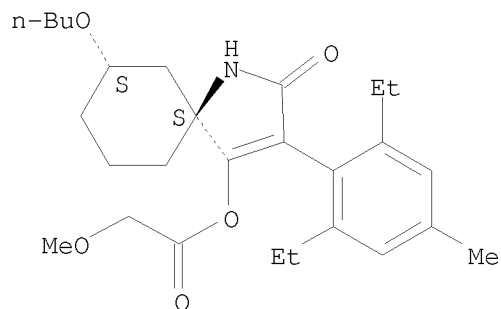
Relative stereochemistry.



RN 872845-19-7 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-7-butoxy-3-(2,6-diethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

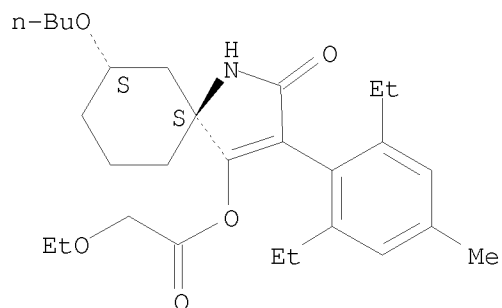
Relative stereochemistry.



RN 872845-21-1 CAPLUS

CN Acetic acid, 2-ethoxy-, (5R,7R)-7-butoxy-3-(2,6-diethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

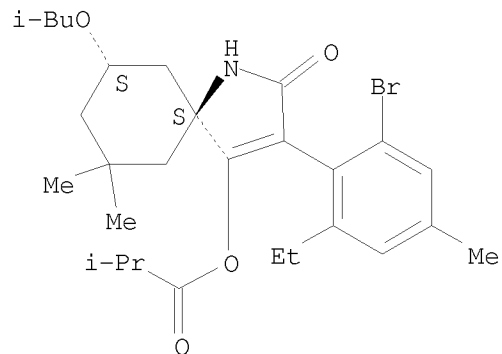
Relative stereochemistry.



RN 872845-23-3 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,9R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7,7-dimethyl-9-(2-methylpropoxy)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

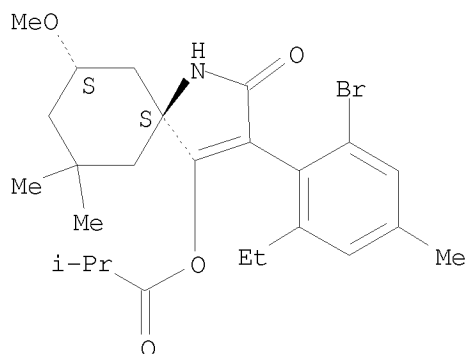
Relative stereochemistry.



RN 872845-24-4 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,9R)-3-(2-bromo-6-ethyl-4-methylphenyl)-9-methoxy-7,7-dimethyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

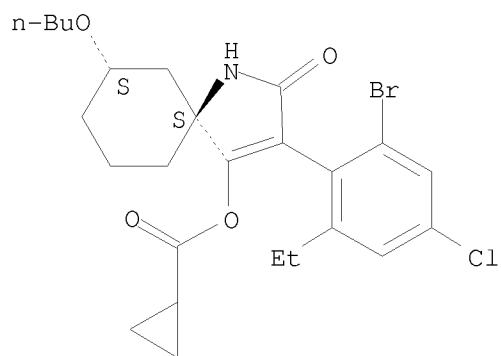
Relative stereochemistry.



RN 872845-25-5 CAPLUS

CN Cyclopropanecarboxylic acid, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

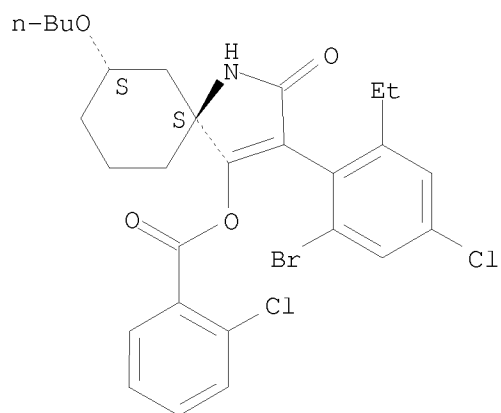
Relative stereochemistry.



RN 872845-27-7 CAPLUS

CN Benzoic acid, 2-chloro-, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

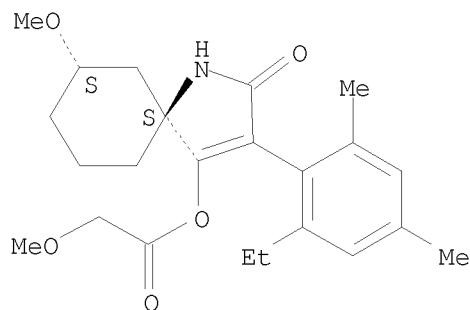
Relative stereochemistry.



RN 872845-31-3 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(2-ethyl-4,6-dimethylphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

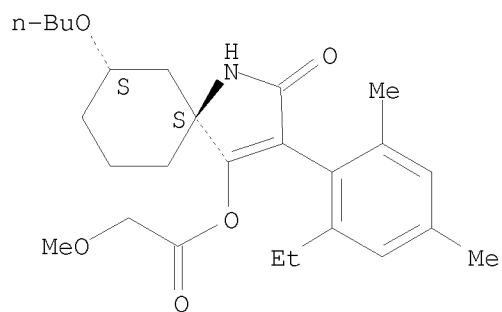
Relative stereochemistry.



RN 872845-32-4 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-7-butoxy-3-(2-ethyl-4,6-dimethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

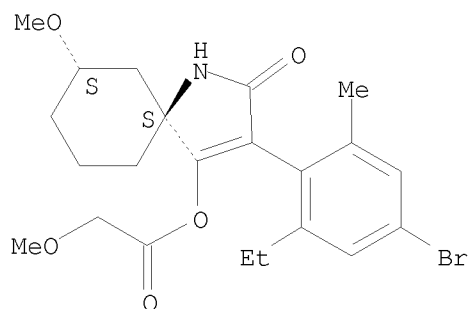
Relative stereochemistry.



RN 872845-33-5 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

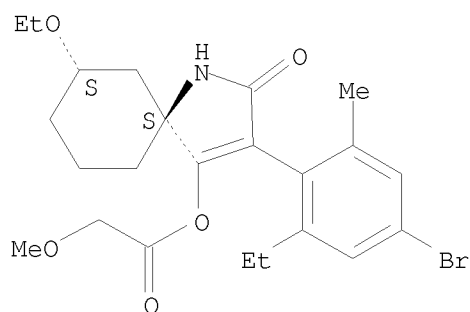
Relative stereochemistry.



RN 872845-34-6 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

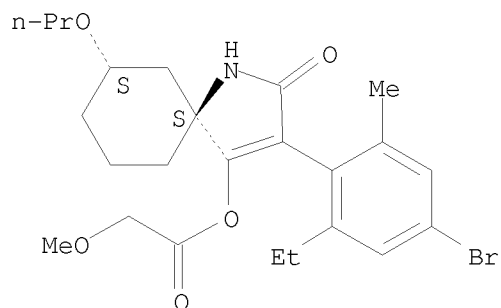
Relative stereochemistry.



RN 872845-35-7 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-2-oxo-7-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

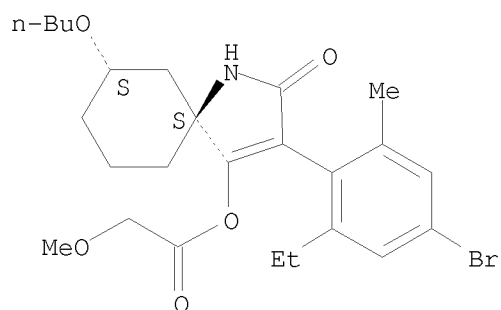
Relative stereochemistry.



RN 872845-36-8 CAPLUS

CN Acetic acid, 2-methoxy-, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

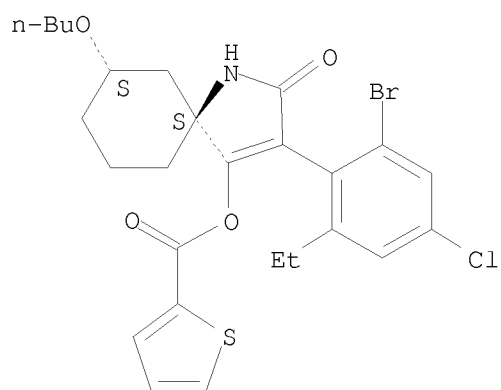
Relative stereochemistry.



RN 872845-38-0 CAPLUS

CN 2-Thiophenecarboxylic acid, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

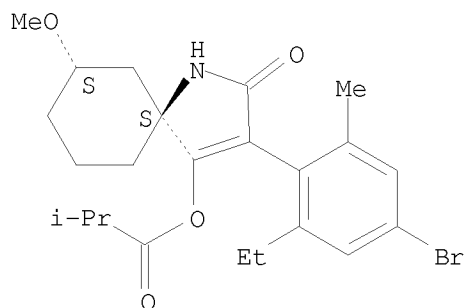
Relative stereochemistry.



RN 872845-41-5 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

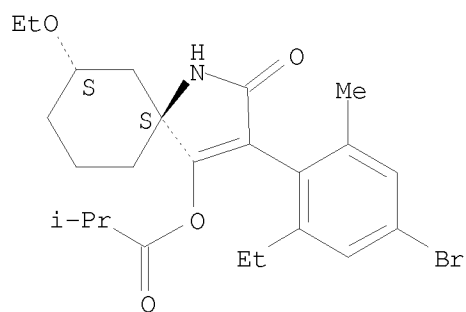
Relative stereochemistry.



RN 872845-42-6 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

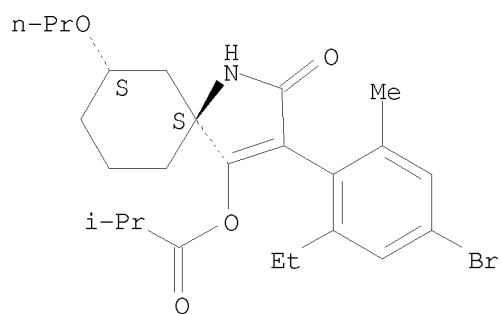
Relative stereochemistry.



RN 872845-43-7 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-2-oxo-7-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

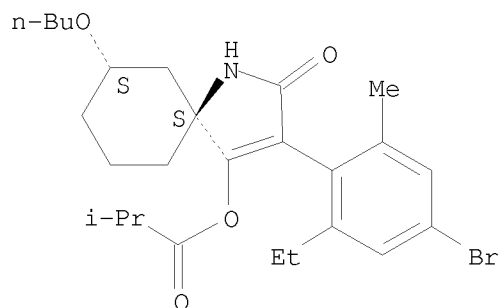
Relative stereochemistry.



RN 872845-44-8 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

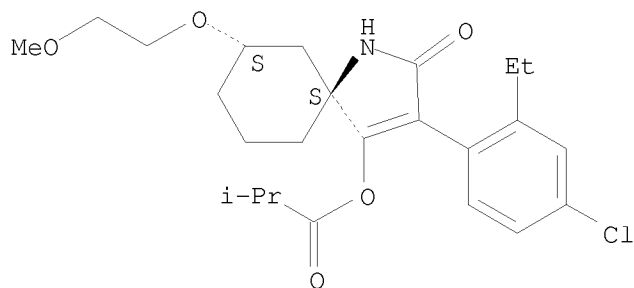
Relative stereochemistry.



RN 872845-45-9 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-3-(4-chloro-2-ethylphenyl)-7-(2-methoxyethoxy)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

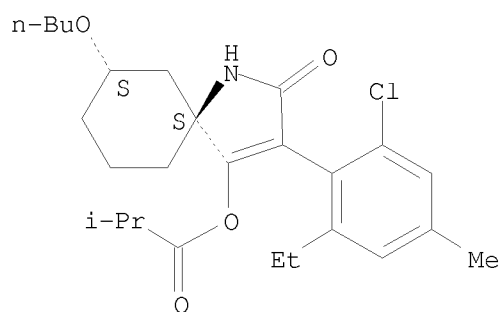
Relative stereochemistry.



RN 872845-46-0 CAPLUS

CN Propanoic acid, 2-methyl-, (5R,7R)-7-butoxy-3-(2-chloro-6-ethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (CA INDEX NAME)

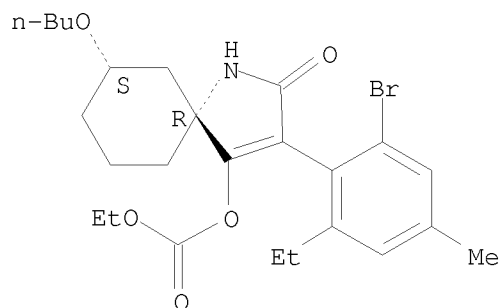
Relative stereochemistry.



RN 872845-52-8 CAPLUS

CN Carbonic acid, (5R,7S)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (9CI) (CA INDEX NAME)

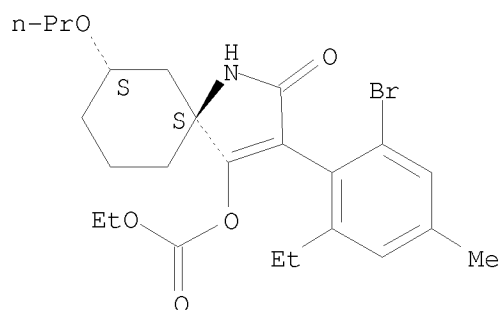
Relative stereochemistry.



RN 872845-53-9 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-2-oxo-7-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

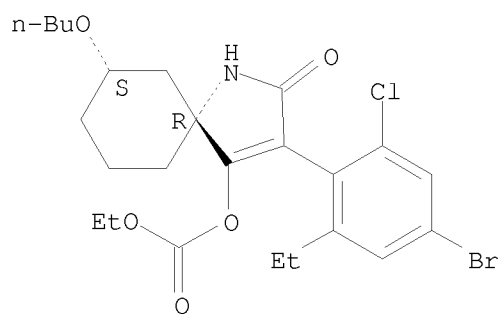
Relative stereochemistry.



RN 872845-54-0 CAPLUS

CN Carbonic acid, (5R,7S)-3-(4-bromo-2-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (9CI) (CA INDEX NAME)

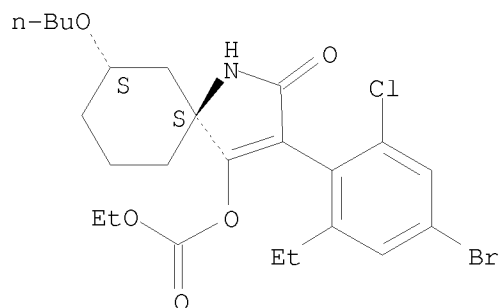
Relative stereochemistry.



RN 872845-55-1 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-bromo-2-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

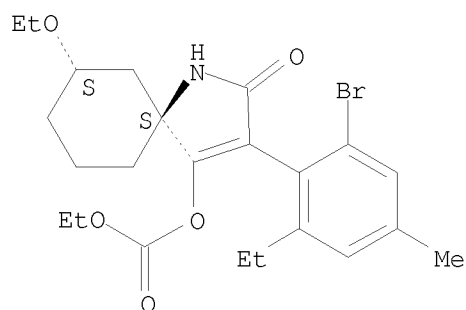
Relative stereochemistry.



RN 872845-56-2 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

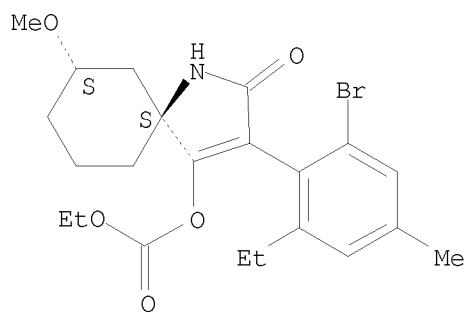
Relative stereochemistry.



RN 872845-57-3 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

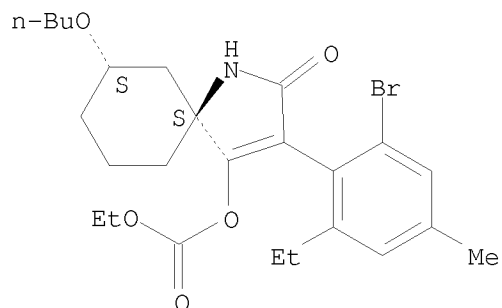
Relative stereochemistry.



RN 872845-58-4 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

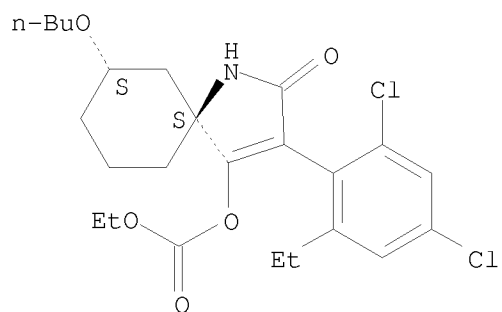
Relative stereochemistry.



RN 872845-62-0 CAPLUS

CN Carbonic acid, (5R,7R)-7-butoxy-3-(2,4-dichloro-6-ethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

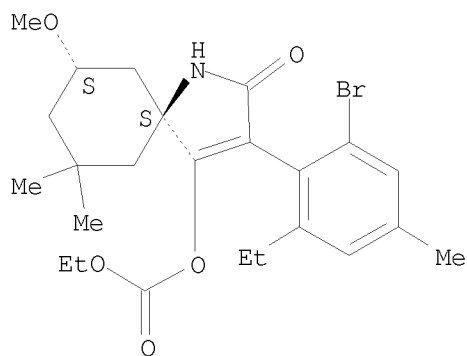
Relative stereochemistry.



RN 872845-65-3 CAPLUS

CN Carbonic acid, (5R,9R)-3-(2-bromo-6-ethyl-4-methylphenyl)-9-methoxy-7,7-dimethyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

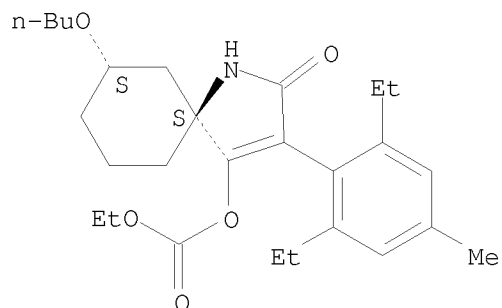
Relative stereochemistry.



RN 872845-66-4 CAPLUS

CN Carbonic acid, (5R,7R)-7-butoxy-3-(2,6-diethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

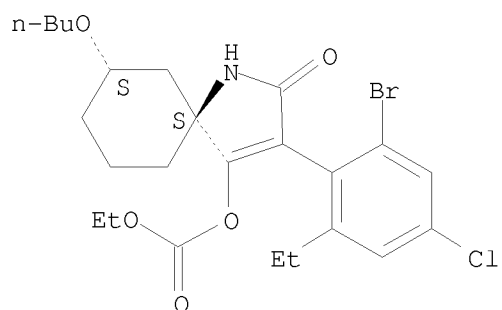
Relative stereochemistry.



RN 872845-67-5 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

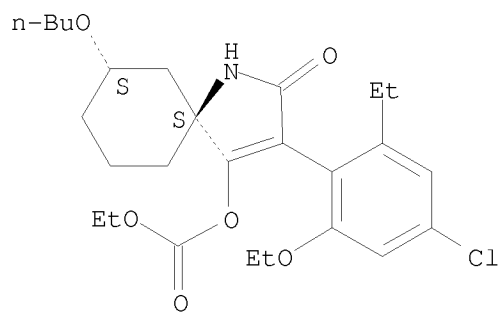
Relative stereochemistry.



RN 872845-68-6 CAPLUS

CN Carbonic acid, (5R,7R)-7-butoxy-3-(4-chloro-2-ethoxy-6-ethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

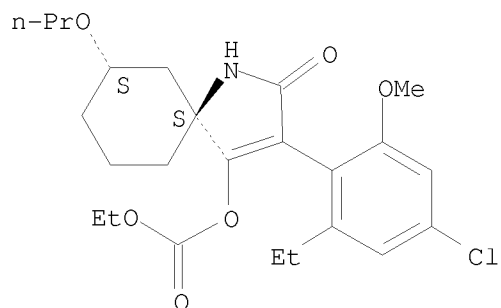
Relative stereochemistry.



RN 872845-69-7 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-chloro-2-ethyl-6-methoxyphenyl)-2-oxo-7-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

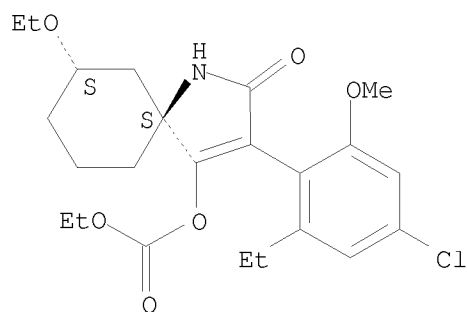
Relative stereochemistry.



RN 872845-70-0 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-chloro-2-ethyl-6-methoxyphenyl)-7-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

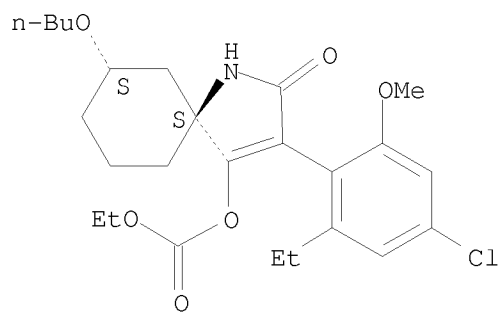
Relative stereochemistry.



RN 872845-71-1 CAPLUS

CN Carbonic acid, (5R,7R)-7-butoxy-3-(4-chloro-2-ethyl-6-methoxyphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

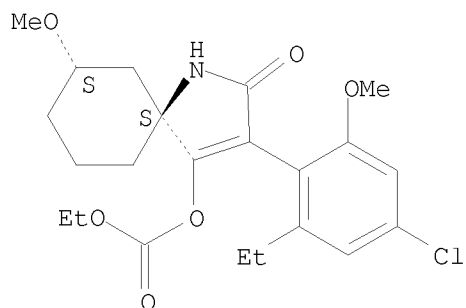
Relative stereochemistry.



RN 872845-72-2 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-chloro-2-ethyl-6-methoxyphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

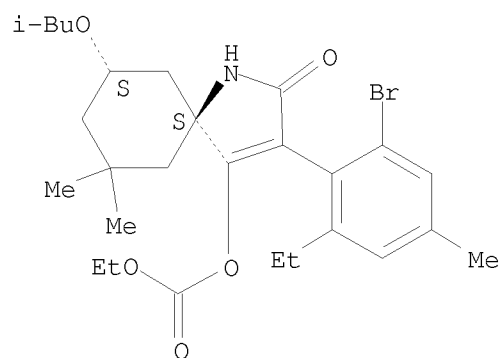
Relative stereochemistry.



RN 872845-73-3 CAPLUS

CN Carbonic acid, (5R,9R)-3-(2-bromo-6-ethyl-4-methylphenyl)-7,7-dimethyl-9-(2-methylpropoxy)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

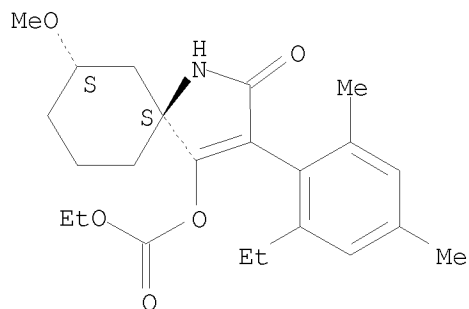
Relative stereochemistry.



RN 872845-74-4 CAPLUS

CN Carbonic acid, ethyl (5R,7R)-3-(2-ethyl-4,6-dimethylphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester, rel- (9CI) (CA INDEX NAME)

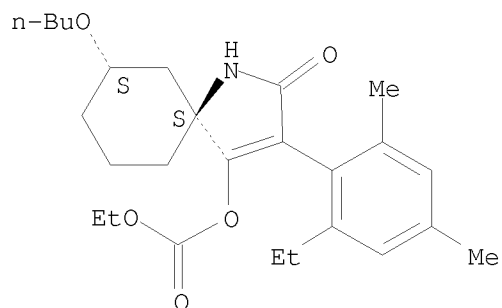
Relative stereochemistry.



RN 872845-75-5 CAPLUS

CN Carbonic acid, (5R,7R)-7-butoxy-3-(2-ethyl-4,6-dimethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

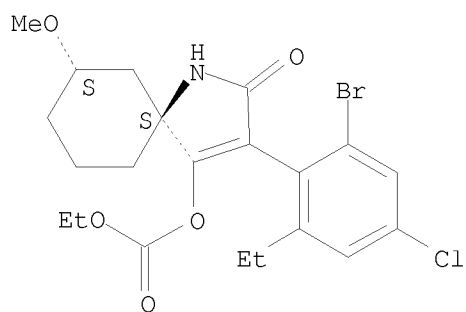
Relative stereochemistry.



RN 872845-76-6 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

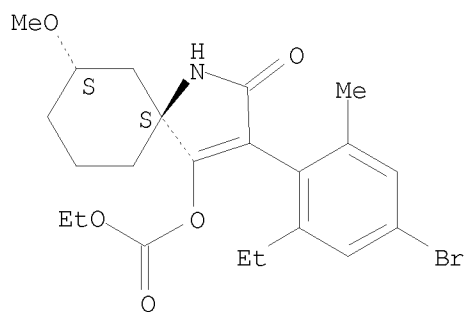
Relative stereochemistry.



RN 872845-77-7 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

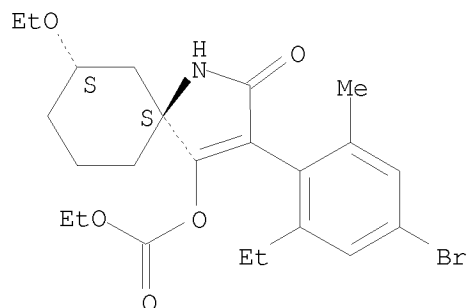
Relative stereochemistry.



RN 872845-78-8 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

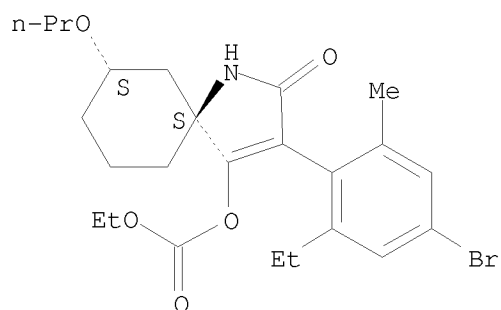
Relative stereochemistry.



RN 872845-79-9 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-2-oxo-7-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

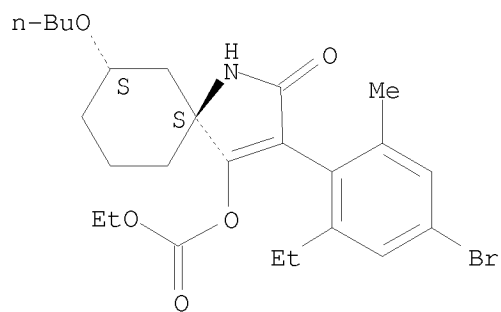
Relative stereochemistry.



RN 872845-80-2 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-bromo-2-ethyl-6-methylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

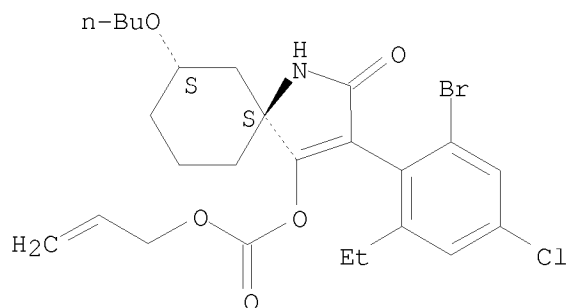
Relative stereochemistry.



RN 872845-82-4 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl 2-propen-1-yl ester, rel- (CA INDEX NAME)

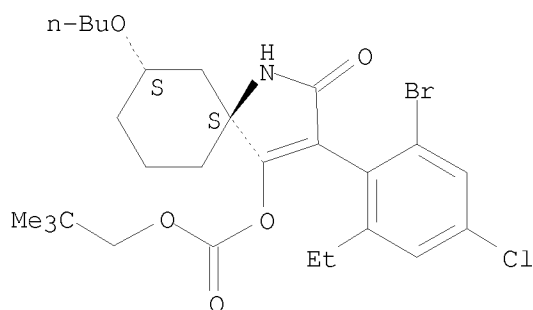
Relative stereochemistry.



RN 872845-84-6 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl 2,2-dimethylpropyl ester, rel- (CA INDEX NAME)

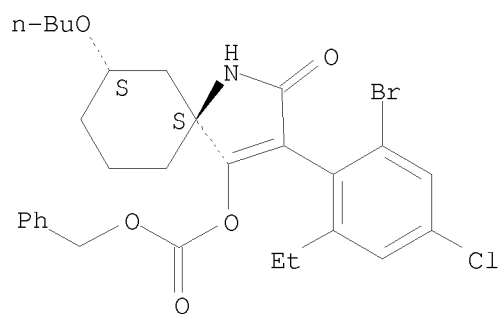
Relative stereochemistry.



RN 872845-87-9 CAPLUS

CN Carbonic acid, (5R,7R)-3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl phenylmethyl ester, rel- (CA INDEX NAME)

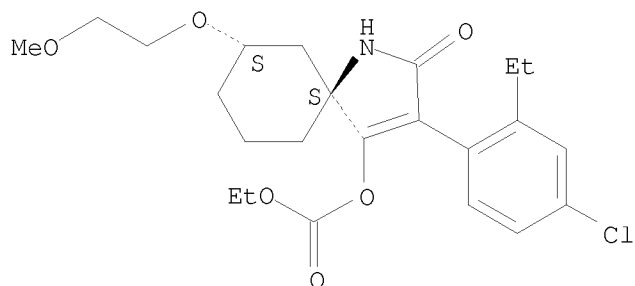
Relative stereochemistry.



RN 872845-88-0 CAPLUS

CN Carbonic acid, (5R,7R)-3-(4-chloro-2-ethylphenyl)-7-(2-methoxyethoxy)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

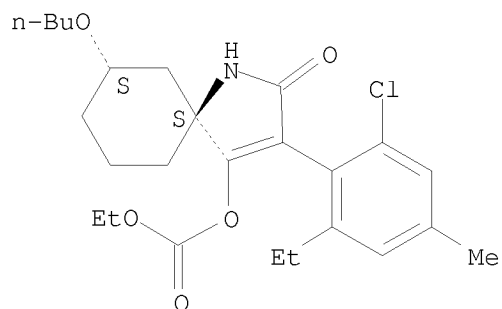
Relative stereochemistry.



RN 872845-89-1 CAPLUS

CN Carbonic acid, (5R,7R)-7-butoxy-3-(2-chloro-6-ethyl-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

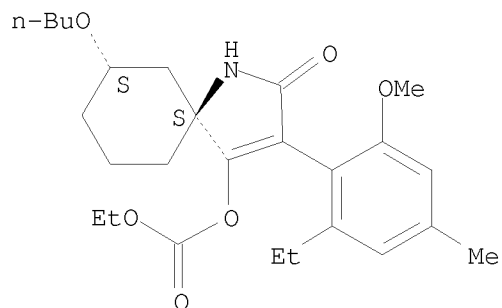
Relative stereochemistry.



RN 872845-90-4 CAPLUS

CN Carbonic acid, (5R,7R)-7-butoxy-3-(2-ethyl-6-methoxy-4-methylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester, rel- (CA INDEX NAME)

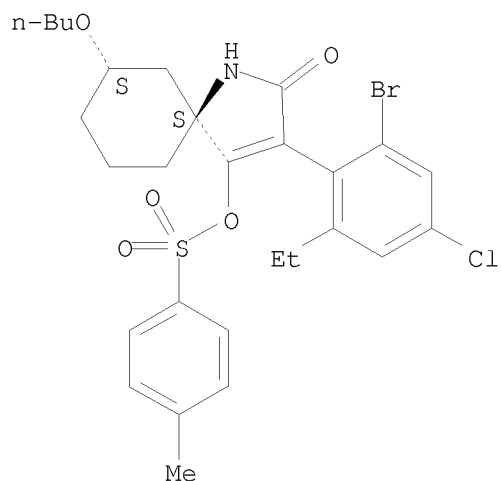
Relative stereochemistry.



RN 872845-95-9 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-4-[[4-methylphenyl)sulfonyl]oxy]-, (5R,7R)-rel- (CA INDEX NAME)

Relative stereochemistry.

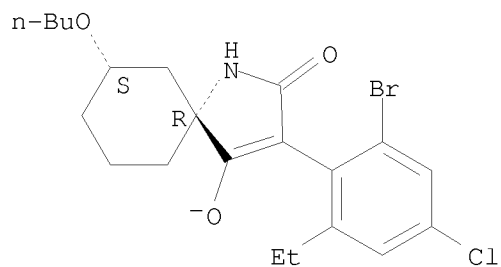


RN 872845-97-1 CAPLUS
 CN 1-Butanaminium, N,N,N-tributyl-, salt with 3-(2-bromo-4-chloro-6-ethylphenyl)-7-butoxy-4-hydroxy-1-azaspiro[4.5]dec-3-en-2-one (1:1) (CA INDEX NAME)

CM 1

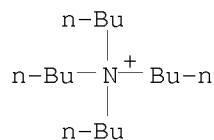
CRN 872845-96-0
 CMF C21 H26 Br Cl N O3

Relative stereochemistry.



CM 2

CRN 10549-76-5
 CMF C16 H36 N



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

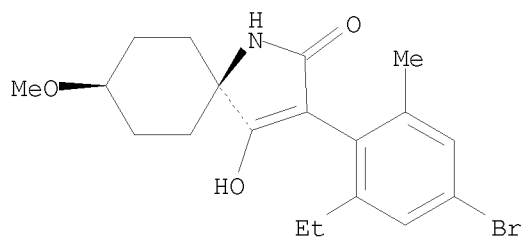
L4 ANSWER 12 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:638843 CAPLUS

DOCUMENT NUMBER: 143:153281
 TITLE: Preparation of cis-alkoxylspirotetramic acids and related compounds as pesticides
 INVENTOR(S): Fischer, Reiner; Lehr, Stefan; Feucht, Dieter; Loesel, Peter; Malsam, Olga; Bojack, Guido; Auler, Thomas; Hills, Martin Jeffrey; Kehne, Heinz; Rosinger, Christopher Hugh
 PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
 SOURCE: PCT Int. Appl., 136 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005066125	A1	20050721	WO 2004-EP14791	20041229
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 102004001433	A1	20050818	DE 2004-102004001433	20040109
CA 2552737	A1	20050721	CA 2004-2552737	20041229
EP 1706377	A1	20061004	EP 2004-804377	20041229
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1902174	A	20070124	CN 2004-80040015	20041229
BR 2004017758	A	20070410	BR 2004-17758	20041229
JP 2007520476	T	20070726	JP 2006-548176	20041229
US 20070244007	A1	20071018	US 2007-585195	20070618
PRIORITY APPLN. INFO.:			DE 2004-102004001433A	20040109
			WO 2004-EP14791	W 20041229

OTHER SOURCE(S): MARPAT 143:153281
 IT 860011-79-6P 860011-80-9P 860011-81-0P
 860011-82-1P 860011-83-2P 860011-84-3P
 860011-85-4P 860011-86-5P 860011-87-6P
 860011-88-7P 860011-89-8P 860011-90-1P
 860011-91-2P 860011-92-3P 860011-93-4P
 860011-94-5P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of cis-alkoxylspirotetramic acids and related compds. as pesticides)
 RN 860011-79-6 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2-ethyl-6-methylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

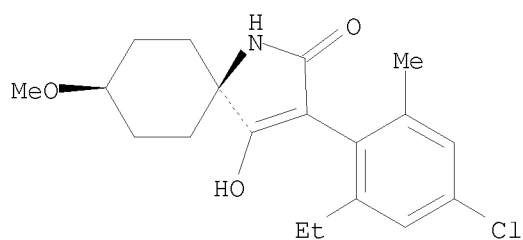
Relative stereochemistry.



RN 860011-80-9 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-chloro-2-ethyl-6-methylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

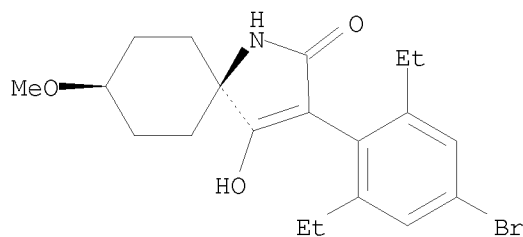
Relative stereochemistry.



RN 860011-81-0 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2,6-diethylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

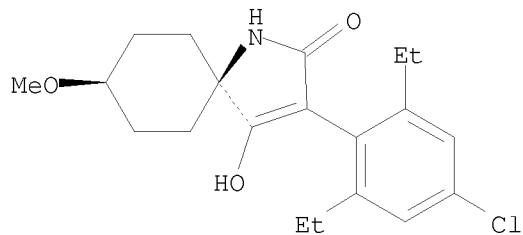
Relative stereochemistry.



RN 860011-82-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(4-bromo-2,6-diethylphenyl)-4-hydroxy-8-methoxy-, (5 α ,8 α)- (CA INDEX NAME)

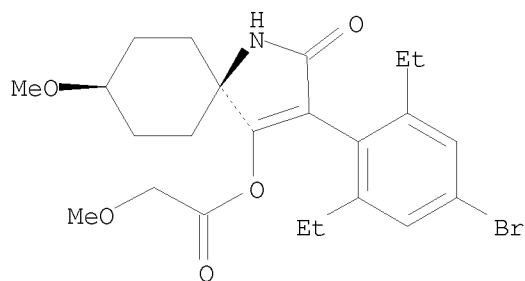
Relative stereochemistry.



RN 860011-83-2 CAPLUS

CN Acetic acid, 2-methoxy-, (5 α ,8 α)-3-(4-bromo-2,6-diethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

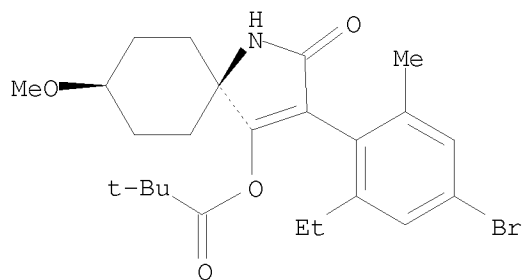
Relative stereochemistry.



RN 860011-84-3 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

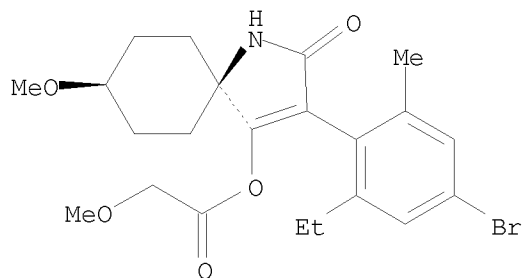
Relative stereochemistry.



RN 860011-85-4 CAPLUS

CN Acetic acid, 2-methoxy-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

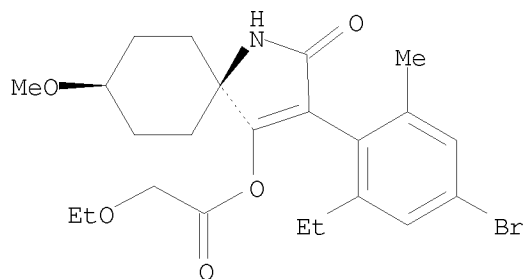
Relative stereochemistry.



RN 860011-86-5 CAPLUS

CN Acetic acid, 2-ethoxy-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

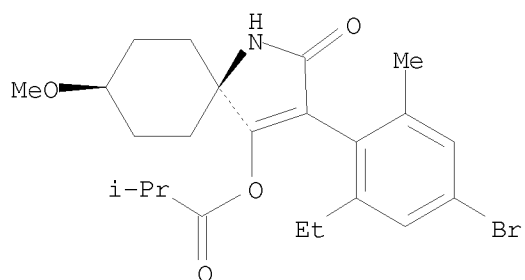
Relative stereochemistry.



RN 860011-87-6 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

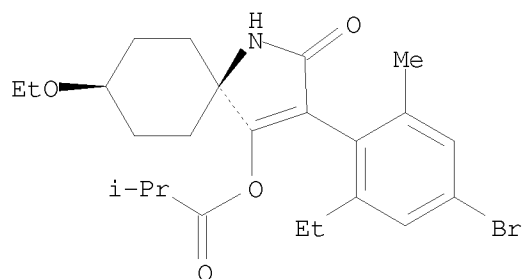
Relative stereochemistry.



RN 860011-88-7 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

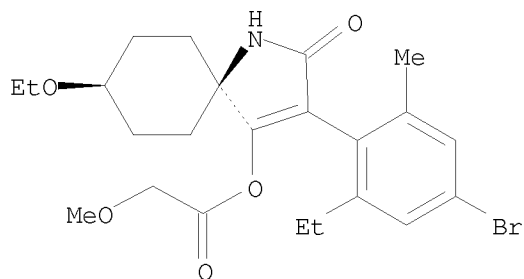
Relative stereochemistry.



RN 860011-89-8 CAPLUS

CN Acetic acid, 2-methoxy-, (5 α ,8 α)-3-(4-bromo-2-ethyl-6-methylphenyl)-8-ethoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

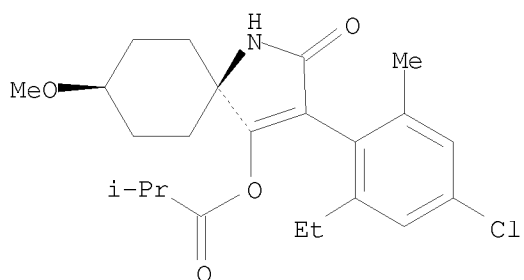
Relative stereochemistry.



RN 860011-90-1 CAPLUS

CN Propanoic acid, 2-methyl-, (5 α ,8 α)-3-(4-chloro-2-ethyl-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)

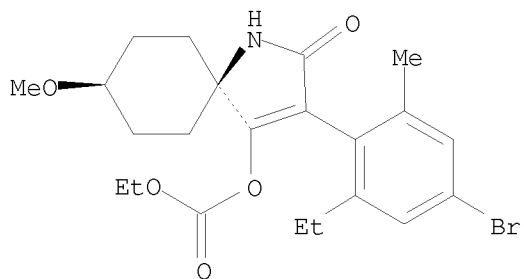
Relative stereochemistry.



RN 860011-91-2 CAPLUS

CN Carbonic acid, cis-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

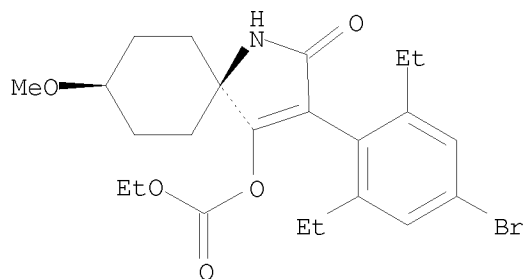
Relative stereochemistry.



RN 860011-92-3 CAPLUS

CN Carbonic acid, cis-3-(4-bromo-2,6-diethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

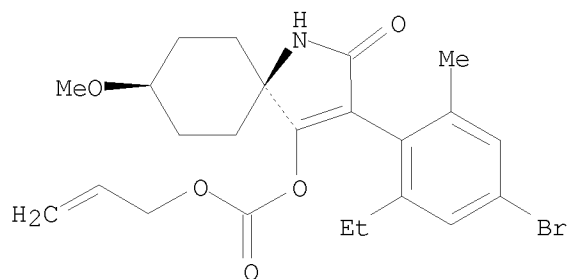
Relative stereochemistry.



RN 860011-93-4 CAPLUS

CN Carbonic acid, cis-3-(4-bromo-2-ethyl-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl 2-propenyl ester (9CI) (CA INDEX NAME)

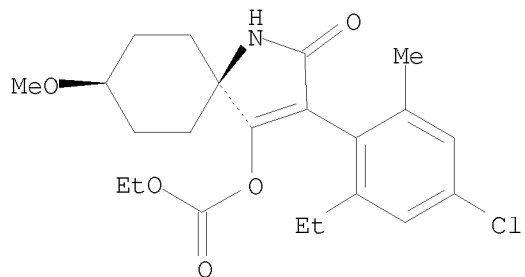
Relative stereochemistry.



RN 860011-94-5 CAPLUS

CN Carbonic acid, cis-3-(4-chloro-2-ethyl-6-methylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 29 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:472122 CAPLUS

DOCUMENT NUMBER: 143:7595

TITLE: Preparation of of spirocyclic phenylpyrrolidinediones as herbicides

INVENTOR(S): Erdelen, Christoph; Fischer, Reiner; Lehr, Stefan; Drewes, Mark Wilhelm; Feucht, Dieter; Konze, Joerg; Loesel, Peter; Malsam, Olga; Bojack, Guido; Arnold, Christian; Auler, Thomas; Hills, Martin Jeffrey; Kehne, Heinz; Rosinger, Christopher Hugh

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany;
 SOURCE: Lubos-Erdelen, Angelika
 PCT Int. Appl., 126 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005049569	A1	20050602	WO 2004-EP12644	20041109
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10354629	A1	20050630	DE 2003-10354629	20031122
AU 2004291286	A1	20050602	AU 2004-291286	20041109
CA 2546815	A1	20050602	CA 2004-2546815	20041109
EP 1687272	A1	20060809	EP 2004-803114	20041109
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004016209	A	20061226	BR 2004-16209	20041109
CN 1914172	A	20070214	CN 2004-80040780	20041109
JP 2007513882	T	20070531	JP 2006-540242	20041109
US 20070298969	A1	20071227	US 2007-578900	20070308
PRIORITY APPLN. INFO.:			DE 2003-10354629	A 20031122
			WO 2004-EP12644	W 20041109

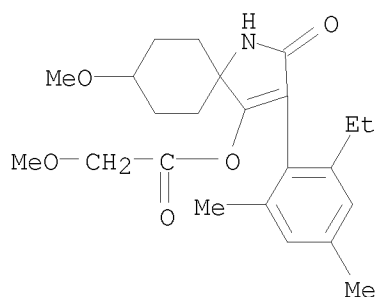
OTHER SOURCE(S): MARPAT 143:7595

IT 852637-97-9P 852637-99-1P 852638-12-1P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT
 (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP
 (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of spirocyclic phenylpyrrolidinediones as herbicides)

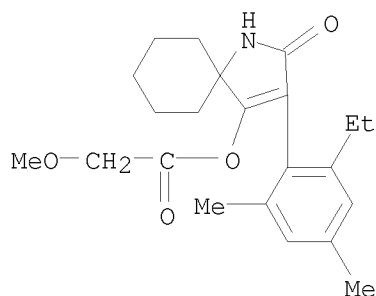
RN 852637-97-9 CAPLUS

CN Acetic acid, 2-methoxy-, 3-(2-ethyl-4,6-dimethylphenyl)-8-methoxy-2-oxo-1-
 azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



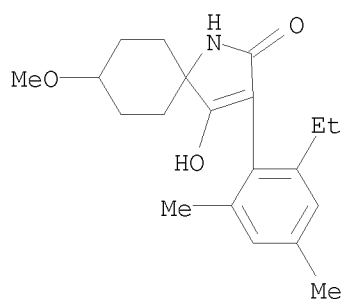
RN 852637-99-1 CAPLUS

CN Acetic acid, 2-methoxy-, 3-(2-ethyl-4,6-dimethylphenyl)-2-oxo-1-
 azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



RN 852638-12-1 CAPLUS

CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy-8-methoxy- (CA INDEX NAME)



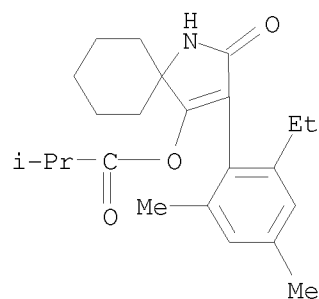
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 852638-02-9P 852638-03-0P 852638-04-1P
 852638-05-2P 852638-06-3P 852638-07-4P
 852638-08-5P 852638-09-6P 852638-10-9P
 852638-11-0P 852638-13-2P 852638-14-3P
 852638-15-4P 852638-16-5P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of spirocyclic phenylpyrrolidinediones as herbicides)

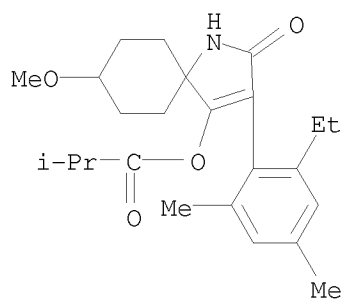
RN 852637-98-0 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(2-ethyl-4,6-dimethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



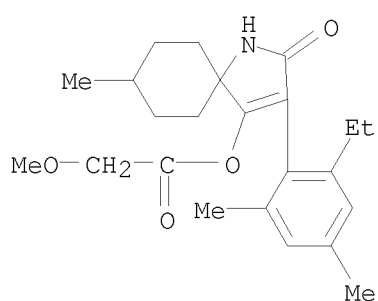
RN 852638-00-7 CAPLUS

CN Propanoic acid, 2-methyl-, 3-(2-ethyl-4,6-dimethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



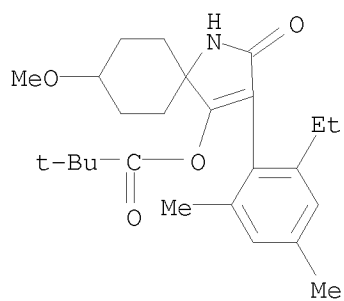
RN 852638-01-8 CAPLUS

CN Acetic acid, 2-methoxy-, 3-(2-ethyl-4,6-dimethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



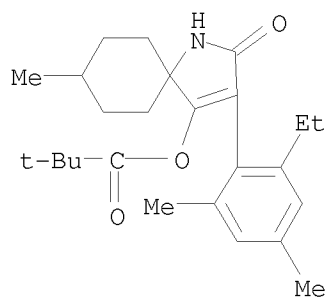
RN 852638-02-9 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, 3-(2-ethyl-4,6-dimethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



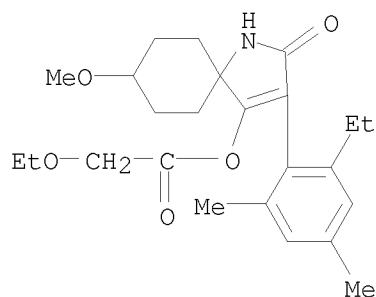
RN 852638-03-0 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, 3-(2-ethyl-4,6-dimethylphenyl)-8-methyl-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



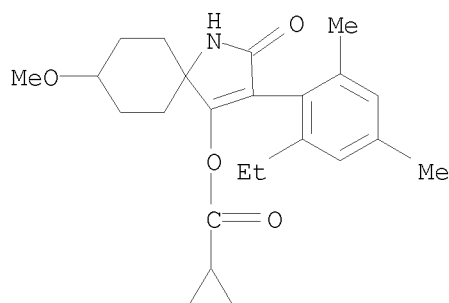
RN 852638-04-1 CAPLUS

CN Acetic acid, 2-ethoxy-, 3-(2-ethyl-4,6-dimethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



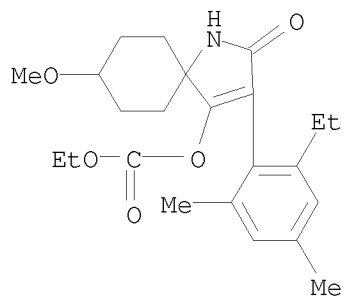
RN 852638-05-2 CAPLUS

CN Cyclopropanecarboxylic acid, 3-(2-ethyl-4,6-dimethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (CA INDEX NAME)



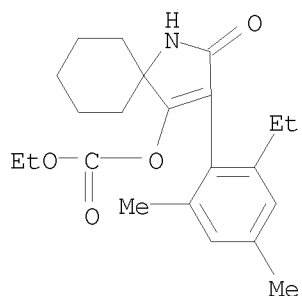
RN 852638-06-3 CAPLUS

CN Carbonic acid, ethyl 3-(2-ethyl-4,6-dimethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (9CI) (CA INDEX NAME)



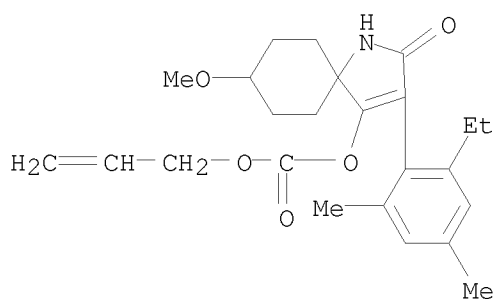
RN 852638-07-4 CAPLUS

CN Carbonic acid, ethyl 3-(2-ethyl-4,6-dimethylphenyl)-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl ester (9CI) (CA INDEX NAME)



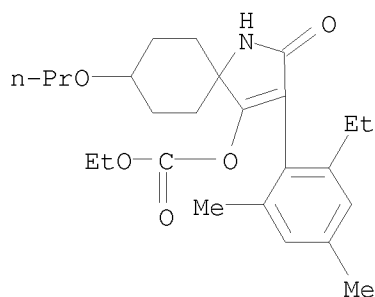
RN 852638-08-5 CAPLUS

CN Carbonic acid, 3-(2-ethyl-4,6-dimethylphenyl)-8-methoxy-2-oxo-1-azaspiro[4.5]dec-3-en-4-yl 2-propen-1-yl ester (CA INDEX NAME)



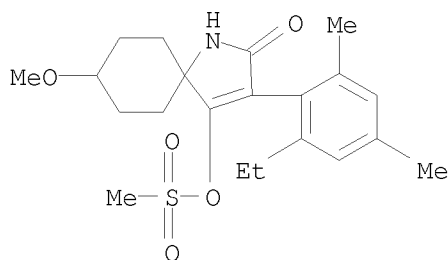
RN 852638-09-6 CAPLUS

CN Carbonic acid, ethyl 3-(2-ethyl-4,6-dimethylphenyl)-2-oxo-8-propoxy-1-azaspiro[4.5]dec-3-en-4-yl ester (9CI) (CA INDEX NAME)

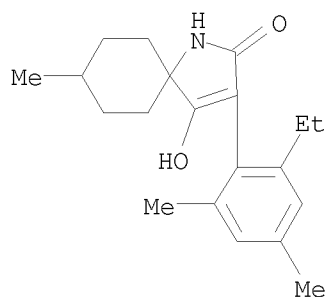


RN 852638-10-9 CAPLUS

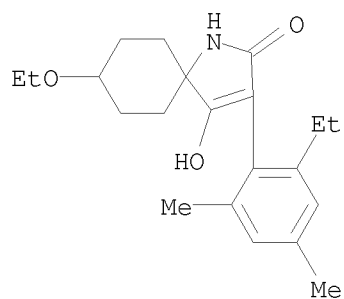
CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4,6-dimethylphenyl)-8-methoxy-4-[(methylsulfonyl)oxy]- (CA INDEX NAME)



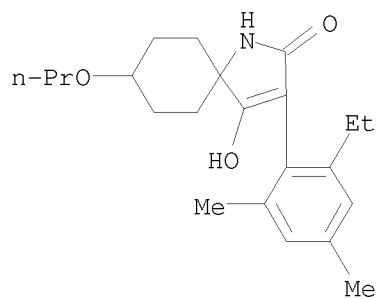
RN 852638-11-0 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy-8-methyl- (CA INDEX NAME)



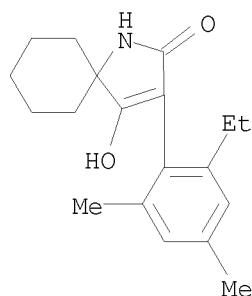
RN 852638-13-2 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 8-ethoxy-3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy- (CA INDEX NAME)



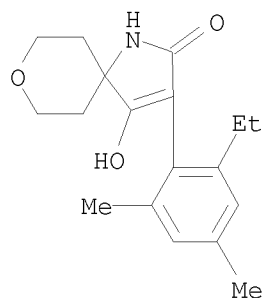
RN 852638-14-3 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy-8-propoxy- (CA INDEX NAME)



RN 852638-15-4 CAPLUS
 CN 1-Azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy- (CA INDEX NAME)



RN 852638-16-5 CAPLUS
 CN 8-Oxa-1-azaspiro[4.5]dec-3-en-2-one, 3-(2-ethyl-4,6-dimethylphenyl)-4-hydroxy- (CA INDEX NAME)



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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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